Historic, Archive Document

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Shading Mums

WE LIST information concerning the varieties of MUMS for shading to bloom earlier than natural blooming time. It may be profitable for you to do this. It may also be worth your while to delay flowering period and lengthen your Mum-selling season. Refer to pages 25 to 27.

"Serving You-the Grower-the Year Round"

OUR BUSINESS is only with the commercial grower. With our own domestic conditions so greatly affected by world-wide affairs, it is most important that we should be constantly on the alert for supplies to serve our customers.

For many years, CHRYSANTHEMUM CUTTINGS has been, and still is, one of our specialties, but that is only one department of our business. We are on the job every day to supply our full line of —

Bulbs-Plants-Seeds

TO ALL OF OUR CUSTOMERS.

Many items are difficult to obtain. Crop shortages occur and consequently a greater demand to substitute other Plants or Flowers. Our customers have the use of all our service and facilities to obtain information continually throughout the year.

Due to rationing, our representatives will call on you as far as they are able to. Don't hesitate to call headquarters for additional information. We are here to serve you.

Special Types of Mums -

Culture of Chrysanthemums

ALEX LAURIE

Despite the fact that much has been written on the subject, the growing of Chrysanthemums still is not done to perfection. Mediocre quality is the rule rather than the exception. This state of affairs is not too difficult to remedy, since the requirements of this plant are not too exacting. Yet because of the fact that no matter how grown. a crop of sorts will be produced, there is a tendency to neglect some of the simplest rules of good culture.

START CLEAN

One of the cardinal sins in growing Chrysanthemums is the failure to start with clean cuttings. It is not uncommon to see young plants just benched covered with midge, thrip, spider and like as not a dose of verticillium lurking underneath and spot on the foliage. With such a start, the operator makes himself liable first to many control measures which are costly and labor-consuming, and secondly to a complete loss of the crop due to the ravages from verticillium. Hence, start with absolutely clean stock. If you have not got it, buy it and make sure it is clean when you get it. As far as the verticillium is concerned, you cannot be sure you are free from it unless you buy "verticillium free" cuttings or else plant resistant varieties only. The latter course is not advocated because it limits you to certain types. Having made sure of your stock, the next simple step is the soil and planting and thereby hangs another tale.

PROPER SOIL ESSENTIAL

You often hear it said, just use "any good soil." But what is meant by a "good" soil? To us, it means any soil which contains a lot of organic matter, say at least one-fourth by volume, preferably in the form of well rotted manure. It also means that this soil drains well, is slightly acid in its reaction, contains some calcium in addition to small amounts of nitrogen, and medium amounts of phosphorus and potash. In other words don't start off by giving your soil a heavy dose of some nitrogenous fertilizer. Test it first to make sure. By starting with low amounts, the root action develops quickly and subsequent application of fertilizers has the desired effect. As to the depth of the soil, that is not a serious matter, although in well drained ground beds, higher quality may be secured by the average grower, largely due to greater uniformity of moisture. This is important. Many a promising crop finally ends up of mediocre quality and small size because of the failure to maintain a sufficient moisture in the soil, particularly towards maturity. In that connection, a mulch of peat or even well rotted manure or alfalfa or soy bean straw will be found very helpful; say beginning with July on.

PLANTING DISTANCE

We think that a smart operator will save himself much labor and produce higher quality, if he benches his cuttings direct from the propagating bench or else has them shipped from a specialist in time to be benched. If such cuttings are shipped, it is well to soak them well before planting. The operation of potting and then eventually planting is time consuming and if plants are permitted to be pot bound, results in stunted stock. We see no reason for planting farther apart than 8x8 which suffices for both the standards and the Pompons. True, some varieties are rank growers and you may wish to modify the distance, and yet commercial kinds are not meant for exhibitions and unnecessary space may be wasted.

FERTILIZATION

Once properly established, the fertilization program may well follow soil tests. If for some reason, this is not available, in general one application of a complete fertilizer will suffice, followed by inorganic (chemical) nitrogenous fertilizers about once in three to four weeks. If these are not available, blood or tankage or soy bean meal may be used. A pound of ammonium sulphate per 100 square feet is sufficient at a time, or three to four pounds of tankage or soy bean meal. The Jatter two are of course much slower acting. Fertilization should stop when buds show color.

CORRECT PINCHING

The question of pinching is an important one. When well grown two and even three to a stem in standards is desirable. The flowers so produced are big enough for all general purposes. We think it a pure waste of material to set two cuttings to a hill . . . nothing is gained and money is wasted. As to Pompons, to produce quality early pinching is desirable. Cecil Delworth recommends for normal flowering, a pinch about 100 days ahead of flowering. We have conducted

CULTURE OF CHRYSANTHEMUMS—Continued

many tests along that line and agree with him. The sprays so produced are, of course, reduced in number to four or five to a plant, but the spacing and size of flowers compensates for the smaller number of stems. Furthermore, by not having too many stems, air circulation about the plants is improved and much less loss of lower foliage results. To help in this respect, the removal of the lower foliage to a height of 12 inches from the base is advised.

INSECT CONTROL

The next important step, of course, is to make sure that the Plants are kept clean of pests. Red spider, thrips, aphids, leaf rollers, midge and mealy bugs are the most common of the pests. Because of lack of pyrethrum and rotenone compounds, we shall have to depend on the old reliables such as nicotine, tartar emetic, the arsenicals, and the fumigants. Red spider will cause the most trouble because of these shortages. Loro may be used, although it damages some varieties. Fulex likewise may be tried, but here again some varieties suffer. As far as we know, the following are seriously damaged, stunted or blind:

Whittier
Lustre
Margaret Graham
Clara B. Ford
*Snow Queen
Dr. Enguehard
Crystal Jewel
Winterset
Golden Wave
Leroy Zang
*Cordova
*Snow
Highlights
Yellow Bird
Thanksgiving Pink
*Most susceptible

Apricot Queen
Pasadena
Mrs. N. G. Moore
*Usona
Detroit News
Major Bonnaffon
*Fez
Pink Chieftain
*Ball of Gold
Vibrant
Sea Gull
Kramers Late White
Balandus
Legal Tender

Tartar emetic (2 lbs. to 4 lbs. of brown sugar to 100 gals. water) will take care of thrips and leaf rollers. Loro will control midge and mealy bugs you have no business having.

The diseases of superficial nature; such as, spots and mildews, are taken care of by dusting or spraying with fine sulphur or with Bordeaux (for spot). Verticillium wilt is a tough one. Yet if you steam sterilize your soil and make sure you have verticillium free cuttings, no difficulty should develop. Foliar nematodes are troublesome, particularly during wet seasons outdoors under cloth. Pie-shaped, brown areas between the the midrib of the leaf and its outer edge are manifestations of the nematode attack. Spraying with nicotine 1–200, removal of infested leaves, and keeping water off the foliage will help in control.

SHADING

Shading to produce early bloom is such an old story that it does not bear repeating, except to emphasize early planting, the use of tight cloth, the selection of suitable varieties, and the removal of cloth only after buds show color in Pompons. In case of Standards to be absolutely sure, shade until the buds are about the size of a penny. The use of additional light does not have any important commercial bearing, although much work has been done to show its possibilities.

CAREFUL PACKING

Finally, having produced a quality crop, keep it such by careful bunching, protection of the flowers from injury by wrapping Pompons and careful packing of Standards.

New introductions crowd out of our catalog the older and sometimes well-known varieties. You may particularly want some of these unlisted kinds. We are not having them propagated in quantity but can still supply limited quantities of many varieties. Ask us about your favorites.

Consult us on any of your MUM problems as to varieties, shading or other culture.



ANACONDA

CHRYSANTHEMUMS

New Large Flowering Varieties for 1943

The following are the Originators' descriptions:

ANACONDA (De Petris). A large flowered, commercial incurved, possessing excellent substance and color. It is a free and easy grower with vigorous habit and resistance to disease. Forms clean, strong, medium tall stems with beautiful, dark green, medium-sized foliage. Produces large blooms uniformly from any bud. Flowers do not shatter nor bruise easily from shipping or handling. The color is deep coppery red with golden bronze reverse, a shade very similar to the old variety David Roy. Date of maturity November 10th to November 15th.

This variety will appeal to both the retailer and to the grower. It will produce two good blooms to the plant, with unusual uniformity. When shaded for early October flowering the color is a rich golden copper. We recommend this variety for its ease of culture, its high quality of blooms, and its appealing color. Received first prize for the best seedling, large-flowered Mum, at the Chrysanthemum Society of America show in New York City, November 5, 1942, also the gold sweepstakes medal for the best Mum in the entire show.



BUTTERBALL



MONITOR (See page 5)

NEW LARGE FLOWERING VARIETIES FOR 1943—Continued

BUTTERBALL (Baur Steinkamp). An excellent early clear yellow blooming Oct. 20th. The flowers are incurved with good substance and handle very well. Grows to about 4 ft. from June planting, with stiff stems and good foliage. Keeps very well. A real commercial variety to be grown in place of Yellow Ambassador. Take terminal bud.

\$5.00 per doz., \$7.50 for 25, \$12.50 for 50, \$20.00 per 100, \$150.00 per 1000

INDIANAPOLIS YELLOW (Yoder). This lemon yellow sport from Indianapolis Pink is another valuable addition to the very popular Indianapolis family. We think this is the best yellow Mum for its specific flowering date.

\$15.00 per 100, \$125.00 per 1000



ROSEY MORN

NEW LARGE FLOWERING VARIETIES FOR 1943 — Continued

MONITOR (Baur Steinkamp). A late bronze maturing November 28th. The insides of the petals are deep reddish bronze with golden reverses. The flowers are incurved and very solid. Reaches a height of 5 ft. from late planting. Very high percentage of perfect flowers. Take terminal bud. Illustrated on page 4.

\$5.00 per doz., \$7.50 for 25, \$12.50 for 50, \$20.00 per 100, \$150.00 per 1000

ROSEY MORN (Baur Steinkamp). A new, incurved pink resembling Indianapolis Pink in color and blooming in late October. The insides of the petals are a deep, rich pink and the reverses are a light lavender making it very attractive. Solid flower that does not shatter easily. Stiff stem and clean medium-sized foliage. Grows easily and attains a height of 4 ft. from June planting. Take terminal bud.

\$5.00 per doz., \$7.50 for 25, \$12.50 for 50, \$20.00 per 100, \$150.00 per 1000

WAHOO (Baur Steinkamp). Clear bronze color stiff stem, easy growth and late October maturity make Wahoo a welcome addition to the list of bronze varieties. Plant Wahoo to cut between Mongol and Indianapolis Bronze, giving a continuous supply of the highest quality bronze flowers. Take terminal bud. *Illustrated on page* 6.

\$5.00 per doz., \$7.50 for 25, \$12.50 for 50, \$20.00 per 100, \$150.00 per 1000

To Follow Mums

If you follow your Chrysathemum crop with **Snapdragon**, **Stocks** or **Sweet Peas**, please ask for our list.

We have the leading new varieties and best strains in this class of stock.



WAHOO (See page 5)

New Pompons, Anemones and Singles

BRONZE GOLD (Bristol Nurs.). Entirely distinct from other Cushion kinds in its somewhat loose, informal habit. In flower, the plant 2 ft. in height, 2 ft. or more wide, is a fluffy, gorgeous mass of gold tinted with bronze. Effective from late September right on up until killing frost. It's a grand bit of color. \$3.00 per doz., \$20.00 per 100

CARILLON (Yoder). Carillon is a beautifully formed pink spray single. The color is a brilliant Valencia pink. Its season, Dec. 20 and later, further adds to the rapidly growing list of valuable late varieties. Form and substance are good with the flowers spaced well on rigid sprays. Growth is fast, unusually free with no blind or vegetative tendencies. Production on Carillon is extremely high and uniform. It is versatile enough to stand relatively late planting if necessary on either raised benches

or ground beds. Plant June 20-25. Final pinch Aug. 5-10. Illustrated on page

\$15.00 per 100, \$125.00 per 1000

CASSANDRA (De Petris). A medium-sized Pompon having a fully rounded form and excellent substance. Strong stems carrying rigid, well-formed sprays. Foliage medium size and healthy. Produces bright orange bronze blooms with a crispy substance. The color does not fade or go dull as the flower matures. This variety bunches well and is a good shipper. It responds well to shading and is an excellent variety for cloth house. Will produce an early crop of flowers without fading. Matures normally Nov. 5–10. Cassandra produces an average number of high quality blooms which do not shatter and requires the same cultural treatment as the varieties Mrs. Bulkeley and Rev. Bushnell. *Illustrated on page* 7. \$15.00 per 100, \$125.00 per 1000

NEW POMPONS, ANEMONES AND SINGLES—Continued

ENCHANTRESS (Yoder). Enchantress is a beautiful deep pink Anemone. As a disbud its blooms are 6 in. in diameter; as a disbudded spray it reached 4–5 in. The cushion develops fast and well, giving the variety a season of Dec. 5th and later, just a few days earlier than that of the well known variety Dark Pink Supreme. Attains a medium height with uniformly strong stems. Growers of late Chrysanthemums will find Enchantress a useful addition to their list of varieties. Plant June 15–20. Final pinch Aug. 1–5. Illustrated on page 8.

\$15.00 per 100, \$125.00 per 1000

GOLDEN SURPRISE (De Petris). A bright, sulphur yellow Pompon shading to golden yellow. Blooms on well formed sprays with rigid pedicils. The variety is of extremely easy culture, and possesses excellent glossy green foliage which is disease-resistant. Will give very good production of attractive blooms, having good form and substance. Matures Nov. 20–25 when yellow Pompons are in great demand. Illustrated on page 8.

\$15.00 per 100, \$125.00 per 1000

GOLD IMPERIAL (Bristol Nurs.) A beautiful Pompon of perfect, deep form and 2½ in. in diameter. Color is a rich, golden-yellow enhanced with deeper yellow-orange halo . . . that added touch of distinction the market welcomes. The plant of a vigorous, upright habit, foliage clean and healthy, good branching sprays, substance and keeping qualities excellent in every respect. Ready to cut Nov. 15th. Awarded C.S.A. Silver Medal, Boston, 1940; First Prize, Intermediate Class, Yellow, Boston, 1941; Silver Medal, New York Florist Club, Nov. 9, 1942.

\$2.50 per 10, \$15.00 per 100, \$125.00 per 1000



CARILLON (See page 6)



CASSANDRA (See page 6)

LAVENDER LASSIE (Bristol Nurs.) A replica of the ever popular Lavender Lady, but in the smaller Pompon form and low, cushion-like habit of growth. The dense plants, 2 ft. in height, often 3 ft. across, are simply smothered with double flowers 2 in. in diameter of almost the identical color of Lavender Lady. It will be regarded as an extremely free and attractive addition to the Pompon group. In full flower in late September.

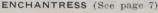
\$3.00 per doz., \$20.00 per 100

MAJORIE MILLS (Bristol Nurs.) A captivating plant, indeed, is this in its varying tints and colors—deep crimson when opening, shaded burnished chestnut-crimson, later becoming suffused with rose and bronze tints. The bushy, Azaleamum-like plants seldom exceed 18 in. in height, are covered with blossoms from late September on. Planted 20 in. apart in a row, a fine border effect is assured. Equally good in groups or as a single specimen.

\$3.00 per doz., \$20.00 per 100

NAVAHO (Yoder). Designed for a cloth house, medium, decorative, red Pompon. It blooms normally Nov. 5. Color is deep crimson, reddish bronze under early shading. Responds well to shading and fills a great need for a cloth house variety in its color range. Growth is strong and uniform. The 2½ in. flowers are well spaced on fine sprays. Stems are dark and hard; foliage is glossy, deep green. Equally valuable on raised benches or ground beds. Plant June 1–10. Final pinch July 10–15 You will probably like this better than Robin Hood. For late shading it will come darker. C.S.A. Silver Medal at Boston in 1941. Illustrated on page 8.







GOLDEN SURPRISE (See page 7)

NEW POMPONS, ANEMONES AND SINGLES-Continued

PINKITEE (Baur Steinkamp). Large pink Pompon blooming in early November. The flowers are about 2½ in. in diameter borne on stiff stems and good sprays. The color is a medium pink. First quality and heavy production insure a profit on this variety. See illustration page 9. \$5.00 per doz., \$7.50 for 25, \$12.50 for 50, \$20.00 per 100, \$150.00 per 1000

PRISCILLA (Baur-Steinkamp). Late white Pompon blooming Nov. 28th. The flowers are 2 in. in diameter, ball-shaped and clear white. The spray is compact and stiff. Good deep green foliage. Heavy producer. A much needed late white Pompon.

\$5.00 per doz., \$7.50 for 25, \$12.50 for 50, \$20.00 per 100, \$150.00 per 1000

PIXIE (Yoder). Pixie is a large, well rounded button Pompon, 1½ in. in diameter. Its color is deep golden yellow. The normal blooming date is Nov. 10. Pixie has proven very valuable for early shading. Substance is outstandingly good, making the shipping and keeping qualities excellent. The plant is productive; the flowers are produced on stiff, wiry stems with good spray formations. This variety will respond well under a wide diversity of cultures. Plant June 5–10. Final pinch July 10–15. A good one to replace Nuggets. See illustration page 10.

\$15.00 per 100, \$125.00 per 1000



PRISCILLA



NAVAHO (See page 7)



PINKITEE (See page 8)



RED WING

NEW POMPONS, ANEMONES AND SINGLES—Continued

RED VELVET (Bristol Nurs.) Mrs. Pierre S. Du Pont III x Caliph is the parentage of this glorious new crimson. It is the perfect combination, adding the erect, clean-growing habit of Mrs. Du Pont to the rich color of Caliph. The shapely flowers, medium in size, are carried erect on good stems. The color, velvety crimson when opening, changes to an even dark crimson and it does not fade disagreeably, but remains attractive for a remarkably long period. The plant has healthy dark foliage and is attractive in itself long before flowering. "Surprisingly fine" is the concise report from the garden of Harold Ross, who really knows Mums. Height 2 ft. In full flower-early \$3.00 per doz., \$20.00 per 100 October.



SUNSET (See page 10)

RED WING (Baur Steinkamp). A very early, reddish bronze Pompon blooming Oct. 10th. The petals are tipped with gold and the flowers are about 2 in. in diameter. Good, compact sprays and heavy producer. A top quality bronze to start the season.

\$5.00 per doz., \$7.50 for 25, \$12.50 for 50, \$20.00 per 100, \$150.00 per 1000

REMBRANDT (Bristol Nurs.) Bristol now offers a color blend which is entirely new and not easy to describe—rosy mauve with faint copper tinting, add a suffusion of ripe strawberry, and you have the general color effect. It is truly an art blend which we have developed through the use of Pyrethrum hybridum in combination with the Chrysanthemum; forerunner of an art group which will be introduced in due time and named in honor of famous masters. Be sure to include this in your planting by way of a sample.

\$3.00 per doz., \$20.00 per 100

RUBY POMPON (Bristol Nurs.) Ruby crimson is the color—more rich and glowing than in any other Pompon. Equally exciting is the remarkable profusion in which the branchy, 2½ ft. plant carries its nicely formed blossoms. Actually more flowers to a single branch than you'll find on the entire plant of many of the Pompons. In full flower early October. A striking addition. Height 2 ft.

\$3.00 per doz., \$20.00 per 100

SEAFOAM (De Petris). Pure white, large Pompon having a full center and well rounded form. The blooms are produced on rigid and well spaced sprays. A free and easy grower with an unusually high production. Responds well to shading and well suited to cloth-house culture. Blooms Nov. 20–25. This variety produces freely high quality white Pompons at a period when they are badly needed. *Illustrated on page* 10.

\$15.00 per 100, \$125.00 per 1000



SEAFOAM (See page 9)

SPUN GOLD (Yoder). This variety has been on trial for several years under extensive plantings. It ranks among the highest producing Pompons we know of. Spun Gold is a large Decorative Pompon, deep lemon yellow in color. It blooms Dec. 15 and later. Because of good substance it ships and keeps well. The stem is medium and strong. The flowers are well spaced on rigid sprays. Spun Gold has proven equally dependable under raised bench or ground bed culture. We believe it to be another bread-and-butter variety in the same late group as Snow. Plant June 15–20. Final pinch August 5–10.

\$15.00 per 100, \$125.00 per 1000



PIXIE (See page 8)



SPUN GOLD

SUNSET (Baur Steinkamp). A brilliant orangebronze Pompon blooming Nov. 20th. The flowers are about 2 in. in diameter and produced on well-formed stiff sprays. A good producer and clean grower. Illustrated on page 9.

\$5.00 per doz., \$7.50 for 25, \$12.50 for 50, \$20.00 per 100, \$150.00 per 1000

Valencia Group

\$15.00 per 100, \$125.00 per 1000

GOLDEN JANE. A brilliant golden intensification of the original buff bronze Jane. Much brighter and more livid in color.

APRICOT VALENCIA. An entirely new and beautiful deep apricot buff sport from Dark Pink Valencia. Ranks apricot bronze as Valencia ranks pink.

RED VALENCIA. A sport from Valencia with a very versatile new color. It is a soft, pleasing tint of Brazil red.

Previously Introduced

We have also:

ORCHID PINK VALENCIA. See page 19.
DARK PINK VALENCIA. See page 19.
BRONZE VALENCIA (Jane). See page 18.

SPRING PLANTS

If you are interested in Bedding Plants of the better kinds in Ageratum, Heliotrope, Dwarf Lantanas, Petunias, Verbenas, Pelargoniums, Dracaena Indivisa and so forth, please ask for our General Catalog. This is now ready.

LARGE FLOWERING MUMS

General Collection

Some of these Large Flowering varieties make suitable Pot Plants—See pages 22 to 24 "C. S. A." is the award of the Chrysanthemum Society of America

YELLOW				
Name and Description Height	Select Bud	Matures	100	1000
Gold Lode. Light golden yellow. ReflexedMedium Golden October. Deep lemon yellow. Semi-	Aug. 25	Oct. 1	\$3.50	\$32.50
incurvedMedium	Aug. 25	Oct. 10	3.50	32.50
Celestra. Lemon yellow. Incurved	Ter. Bud	Oct. 15	3.50	32.50
Comet. Deep lemon yellow. IncurvedMedium	Ter. Bud	Oct. 15	3.50	32.50
Mrs. H. E. Kidder. Deep lemon yellow. Incurved. Medium	Aug. 25	Oct. 20	3.50	32.50
Yellow Ambassador. Pale lemon yellow. In-				
curved. Sport from AmbassadorMedium	Ter. Bud	Oct. 23	3.50	32.50
Blazing Gold. Deep golden yellow. IncurvedMedium	Ter. Bud	Oct. 25	3.50	32.50
Sunglow. Golden yellow. IncurvedMedium	Aug. 25	Oct. 25	3.50	32.50
Corona. Deep golden yellow. IncurvedTall	Ter. Bud	Oct. 25	3.50	32.50
Smith's Superlative. Deep golden yellow. Fine substance	Aug. 25	Oct. 25	3.50	32.50
Columbus Dispatch. Large, incurved. Deep	0			
yellowTall	Sept. 5	Oct. 25	4.50	40.00
Citronella. Light buff yellow. IncurvedShort	Aug. 31	Oct. 28	3.50	32.50
Butterball. Clear yellow. Incurved. New variety.		Oct. 28		
See page 4	Ter. Bud	Nov. 1	4.50	40.00
Golden Glory. Golden yellow. Semi-incurved. Short	Aug. 25	Nov. 1	3.50	32.50
Good News. Deep lemon yellow. Incurved. Sport	Mug. 20	1404. 1	3.30	02.00
from Detroit News	Aug. 30	Nov. 1	3.50	32.50
Yellow Turner. Incurved. Fine for exhibition. Medium	Aug. 25	Nov. 5	6.00	50.00
Cardonia. Deep golden yellow. IncurvedMedium	Sept. 5	Nov. 10	3.50	32.50
Indianapolis Yellow. Sport. New variety. See page 4		Nov. 8		
Penrod. Golden yellow. IncurvedMedium	Ter. Bud	Nov. 10	8.00	75.00
Whittier. Lemon yellow. IncurvedMedium	Sept. 15	Nov. 13	3.50	32.50
Yellow Monument. Pale lemon yellow. In-	Ť			
curved. Sport from MonumentMedium	Sept. 10	Nov. 15	3.50	32.50
Honey Dew. Lemon yellow. Incurved Short Jubilee. Light lemon yellow. Incurved. C.S.A. Short	Ter. Bud Ter. Bud	Nov. 15 Nov. 15	3.50 3.50	32.50 32.50
Yellow Mefo. Lemon yellow. Sport of Mefo	Ter. Dud	1407. 15	3.30	02.00
Incurved	Sept. 20	Nov. 20	3.50	32.50
Friendly Call. Buff yellow. Incurved	Ter. Bud	Nov. 20	3.50	32.50
Friendly Rival. Deep chrome yellow. Incurved Medium Major Bonnaffon. Light lemon yellow. Incurved Short	Sept. 10 Sept. 10	Nov. 20 Nov. 20	3.50 3.50	32.50 32.50
Bonnaffon De Luxe. Golden yellowMedium	Sept. 10	Nov. 20	3.50	32.50
Marie DePetris. Deep golden yellow. Incurved. Short	Sept. 15	Nov. 23	3.50	32.50
Sun Gold. Lemon vellow. Semi-incurvedMedium	Sept. 30	Nov. 25	3.50	32.50
Golden Pearson (Leroy Zang). Light golden yellow. Incurved. Sport from Gladys Pearson. Medium	Sept. 30	Nov. 25	3.50	32.50
Gloria. Lemon yellow. IncurvedMedium	Ter. Bud	Nov. 25	12.00	100.00
Golden Chadwick. Light golden vellowMedium	Ter. Bud	Nov. 25	3.50	32.50
Yellow Chattanooga. Light lemon yellow. In-	Sept. 20	Nov. 25	3.50	32.50
curved	Sept. 20	Nov. 30	3.50	32.50
Golden Mrs. Ross. Golden yellow. Incurved Tall	Ter. Bud	Dec. 3	3.50	32.50
Golden Mistletoe. Pale golden vellow. Incurved. Medium	Sept. 30	Dec. 10	3.50	32.50
Meteore. Lemon yellow. Incurved	Ter. Bud	Dec. 10	6.00	50.00
yellow. Semi-incurved. Sport from Tobin's Late				
YellowShort	Sept. 30	Dec. 15	3.50	32.50

LARGE FLOWERING MUMS—General Collection—Continued WHITE

WHITE				
Name and Description Height Smith's Early White. IncurvedTall	Select Bud Aug. 10	Matures Oct. 5	100 \$3.50	1000 \$32.50
Quaker Maid. White, tinged with pink. Reflexed Medium	Aug. 25	Oct. 15	3.50	32.50
Silver Sheen. Incurved. Fine keeperMedium	Aug. 30	Oct. 18	3.50	32.50
White Chief. IncurvedShort	Ter. Bud	Oct. 18	3.50	32.50
Ambassador. White. Incurved. Good for shading. Medium	Ter. Bud	Oct. 23	3.50	32.50
Christina. White sport of ChochardShort	Aug. 25	Oct. 20	3.50	32.50 32.50
Albatross. Incurved. C.S.A	Ter. Bud Ter. Bud	Nov. 1 Nov. 1	3.50 3.50	32.50
Snow White. Incurved	Aug. 25	Nov. 1	3.50	32.50
Chas. W. Johnson. Ivory white. Incurved.	7146. 20	11011	0.00	02.00
Form like Betsy Ross	Sept. 10	Nov. 5	3.50	32.50
White Turner. Incurved. Fine for exhibition Medium	Aug. 25	Nov. 5	6.00	50.00
Indianapolis White. Incurved	Ter. Bud	Nov. 8	4.50	40.00 75.00
Louisa Pockett. Incurved. Good for exhibition. Medium Jean Elizabeth. Creamy white. Incurved Medium	Aug. 15 Ter. Bud	Nov. 8 Nov. 15	8.00 4.50	40.00
Chas. Rager. White	Sept. 15	Nov. 10	3.50	32.50
Monument. Ivory white. IncurvedMedium	Sept. 10	Nov. 15	3.50	32.50
Marketeer. Incurved. Suitable under light for				00 70
late blooming. C.S.A	Ter. Bud	Nov. 18	3.50	32.50
Mefo. Ivory white. Incurved	Sept. 20 Ter. Bud	Nov. 20 Nov. 20	3.50 3.50	32.50 32.50
White Frick. White suffused with pink. Incurved.	Ter. Dud	1400. 20	3.50	04.00
Sport from Helen FrickShort	Sept. 10	Nov. 25	3.50	32.50
Chattanooga. Incurved	Sept. 20	Nov. 25	3.50	32.50
White Chadwick. White suffused with pinkMedium	Ter. Bud	Nov. 25	3.50	32.50
White Distinction. Sport of DistinctionMedium	Ter. Bud	Nov. 25 Dec. 1	3.50 3.50	32.50 32.50
December Glory. Ivory white. IncurvedTall Frigida. IncurvedTall	Sept. 30 Ter. Bud	Dec. 1 Dec. 1	6.00	50.00
December White. IncurvedMedium	Ter. Bud	Dec. 5	12.00	100.00
Improved December Beauty. Incurved. Sport				
from December BeautyMedium	Oct. 1	Dec. 8	3.50	32.50
White Mistletoe. Incurved	Sept. 30	Dec. 10	3.50	32.50
Smith's Late White Lyang white Comi in august Short				
Smith's Late White. Ivory white. Semi-incurved. Short	Sept. 30	Dec. 15	3.50	32.50
Smith's Late White. Ivory white. Semi-incurved. Short BRONZE AND REI	Sept. 30			
Smith's Late White. Ivory white. Semi-incurved. Short BRONZE AND REI	Sept. 30			32.50
Smith's Late White. Ivory white. Semi-incurved. Short	Sept. 30			
Smith's Late White. Ivory white. Semi-incurved. Short BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport	Sept. 30	Dec. 15	3.50	32.50
Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Sept. 30 Aug. 25	Dec. 15 Oct. 1	3.50 \$3.50	32.50 \$32.50
Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Sept. 30 Aug. 25 Aug. 25 Ter. Bud	Oct. 1 Oct. 1	3.50 \$3.50 3.50	32.50 \$32.50 32.50
Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode. Medium Indianola. Pale reddish bronze. Incurved. Medium Mongol. Golden bronze. Incurved. Medium	Sept. 30 O Aug. 25 Aug. 25	Oct. 1 Oct. 1	3.50 \$3.50 3.50	32.50 \$32.50 32.50
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Sept. 30 Aug. 25 Aug. 25 Ter. Bud	Oct. 1 Oct. 1 Oct. 20	\$3.50 \$3.50 3.50 12.00	\$32.50 \$32.50 32.50 100.00
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud	Oct. 1 Oct. 1 Oct. 10 Oct. 20 Oct. 25 Oct. 25	3.50 \$3.50 3.50 12.00 3.50	\$32.50 \$32.50 32.50 100.00 32.50
Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud	Oct. 1 Oct. 10 Oct. 20 Oct. 25 Oct. 25	3.50 \$3.50 3.50 12.00 3.50 8.00 4.50	\$32.50 \$32.50 \$2.50 100.00 \$2.50 75.00 40.00
Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Ter. Bud Ter. Bud	Oct. 1 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25	\$3.50 \$3.50 \$3.50 \$12.00 \$3.50 \$8.00 \$4.50 \$3.50	\$32.50 \$32.50 \$32.50 100.00 \$2.50 75.00 40.00 \$32.50
Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Ter. Bud Ter. Bud Ter. Bud Ter. Bud	Oct. 1 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28	3.50 \$3.50 3.50 12.00 3.50 8.00 4.50	\$32.50 \$32.50 \$2.50 100.00 \$2.50 75.00 40.00
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode. Medium Indianola. Pale reddish bronze. Incurved. Medium Mongol. Golden bronze. Incurved. Medium Hilda Bergen. Dark reddish bronze. Incurved. Can be grown several flowers to plant. Medium Cambria. Golden bronze. Incurved. C.S.A. Medium Alameda. Reddish bronze with buff reverse. Incurved. Golden Bronze. Short Golden Bronze. Tall Glitters. Deep reddish orange. Reflexed. Medium Wahoo. Clear bronze. New variety. See page 5	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Ter. Bud Ter. Bud Ter. Bud Ter. Bud	Oct. 1 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25	\$3.50 \$3.50 3.50 12.00 3.50 8.00 4.50 3.50 3.50	\$32.50 \$32.50 32.50 100.00 32.50 75.00 40.00 32.50 32.50
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode. Medium Indianola. Pale reddish bronze. Incurved. Medium Mongol. Golden bronze. Incurved. Medium Hilda Bergen. Dark reddish bronze. Incurved. Can be grown several flowers to plant. Medium Cambria. Golden bronze. Incurved. C.S.A. Medium Alameda. Reddish bronze with buff reverse. Incurved. Short Golden Bronze. Tall Glitters. Deep reddish orange. Reflexed. Medium Wahoo. Clear bronze. New variety. See page 5 Apricot Queen. Orange bronze. Incurved. Short Detroit News. Reddish bronze. Incurved. Medium	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Ter. Bud Ter. Bud Ter. Bud Ter. Bud	Oct. 15 Oct. 1 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28	\$3.50 \$3.50 \$3.50 \$12.00 \$3.50 \$8.00 \$4.50 \$3.50	\$32.50 \$32.50 \$32.50 100.00 \$2.50 75.00 40.00 \$32.50
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud	Oct. 15 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28 Nov. 1	\$3.50 \$3.50 3.50 12.00 3.50 8.00 4.50 3.50 3.50	\$32.50 \$32.50 32.50 100.00 32.50 75.00 40.00 32.50 32.50 32.50
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Ter. Bud Ter. Bud Ter. Bud Ter. Bud Aug. 25 Aug. 30 Aug. 25	Oct. 15 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28 Nov. 1 Nov. 1 Nov. 1	\$3.50 \$3.50 3.50 12.00 3.50 8.00 4.50 3.50 3.50 3.50 6.00	\$32.50 \$32.50 100.00 32.50 75.00 40.00 32.50 32.50 32.50 32.50 50.00
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode. Medium Indianola. Pale reddish bronze. Incurved. Medium Mongol. Golden bronze. Incurved. Medium Hilda Bergen. Dark reddish bronze. Incurved. Can be grown several flowers to plant. Medium Cambria. Golden bronze. Incurved. C.S.A. Medium Alameda. Reddish bronze with buff reverse. Incurved. Golden Bronze. Tall Glitters. Deep reddish orange. Reflexed. Medium Wahoo. Clear bronze. New variety. See page 5 Apricot Queen. Orange bronze. Incurved. Short Detroit News. Reddish bronze. Incurved. Medium Grace Sturgis. Bronze with silvery reverse. Tall Bronze Turner. Light bronze. Incurved. Fine for exhibition. Medium	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud	Oct. 1 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Nov. 1 Nov. 1	\$3.50 \$3.50 12.00 3.50 8.00 4.50 3.50 3.50 3.50 3.50	\$32.50 \$32.50 32.50 100.00 \$2.50 75.00 40.00 32.50 32.50 32.50 32.50
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Ter. Bud Ter. Bud Ter. Bud Ter. Bud Aug. 25 Aug. 30 Aug. 25	Oct. 15 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28 Nov. 1 Nov. 1 Nov. 1	\$3.50 \$3.50 3.50 12.00 3.50 8.00 4.50 3.50 3.50 3.50 6.00	\$32.50 \$32.50 100.00 32.50 75.00 40.00 32.50 32.50 32.50 32.50 50.00
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Ter. Bud Ter. Bud Ter. Bud Aug. 30 Aug. 25 Aug. 30 Aug. 25 Aug. 25	Oct. 15 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28 Nov. 1 Nov. 1 Nov. 5 Nov. 8	\$3.50 \$3.50 3.50 12.00 3.50 8.00 4.50 3.50 3.50 6.00 6.00 3.50	\$32.50 \$32.50 100.00 32.50 75.00 40.00 32.50 32.50 32.50 50.00 50.00
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode. Medium Indianola. Pale reddish bronze. Incurved. Medium Mongol. Golden bronze. Incurved. Medium Hilda Bergen. Dark reddish bronze. Incurved. Can be grown several flowers to plant. Medium Cambria. Golden bronze. Incurved. C.S.A. Medium Alameda. Reddish bronze with buff reverse. Incurved. Golden Bronze. Tall Glitters. Deep reddish orange. Reflexed. Medium Wahoo. Clear bronze. New variety. See page 5 Apricot Queen. Orange bronze. Incurved. Medium Grace Sturgis. Bronze with silvery reverse. Tall Bronze Turner. Light bronze. Incurved. Fine for exhibition. Medium Indianapolis Bronze. Buff bronze suffused with pink. Incurved. Medium Mrs. David F. Roy. Crimson with deep buff reverse. Incurved. Short	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Ter. Bud Ter. Bud Ter. Bud Ter. Bud Aug. 25 Aug. 30 Aug. 25 Aug. 30 Aug. 25	Oct. 15 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28 Nov. 1 Nov. 1 Nov. 5	\$3.50 \$3.50 3.50 12.00 3.50 8.00 4.50 3.50 3.50 3.50 6.00 6.00	\$32.50 \$32.50 100.00 \$2.50 75.00 40.00 32.50 32.50 32.50 32.50 50.00
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode. Medium Indianola. Pale reddish bronze. Incurved. Medium Mongol. Golden bronze. Incurved. Medium Hilda Bergen. Dark reddish bronze. Incurved. Can be grown several flowers to plant. Medium Cambria. Golden bronze. Incurved. C.S.A. Medium Alameda. Reddish bronze with buff reverse. Incurved. Golden Bronze. Tall Glitters. Deep reddish orange. Reflexed. Medium Wahoo. Clear bronze. New variety. See page 5 Apricot Queen. Orange bronze. Incurved. Medium Grace Sturgis. Bronze with silvery reverse. Tall Bronze Turner. Light bronze. Incurved. Fine for exhibition. Medium Indianapolis Bronze. Buff bronze suffused with pink. Incurved. Medium Mrs. David F. Roy. Crimson with deep buff reverse. Incurved. Short Indian Chief. Deep reddish bronze with golden	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Sept. 5 Aug. 25 Ter. Bud Sept. 15	Oct. 15 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28 Nov. 1 Nov. 1 Nov. 1 Nov. 5 Nov. 8 Nov. 10	\$3.50 \$3.50 3.50 12.00 3.50 8.00 4.50 3.50 3.50 6.00 6.00 3.50 3.50	\$32.50 \$32.50 100.00 32.50 75.00 40.00 32.50 32.50 32.50 50.00 50.00 32.50
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Ter. Bud Ter. Bud Ter. Bud Aug. 30 Aug. 25 Aug. 30 Aug. 25 Aug. 25 Ter. Bud	Oct. 15 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28 Nov. 1 Nov. 1 Nov. 5 Nov. 8	\$3.50 \$3.50 3.50 12.00 3.50 8.00 4.50 3.50 3.50 6.00 6.00 3.50	\$32.50 \$32.50 100.00 32.50 75.00 40.00 32.50 32.50 32.50 50.00 50.00
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode. Medium Indianola. Pale reddish bronze. Incurved. Medium Mongol. Golden bronze. Incurved. Medium Hilda Bergen. Dark reddish bronze. Incurved. Can be grown several flowers to plant. Medium Cambria. Golden bronze. Incurved. C.S.A. Medium Alameda. Reddish bronze with buff reverse. Incurved. Golden Bronze. Tall Glitters. Deep reddish orange. Reflexed. Medium Wahoo. Clear bronze. New variety. See page 5 Apricot Queen. Orange bronze. Incurved. Short Detroit News. Reddish bronze incurved. Medium Grace Sturgis. Bronze with silvery reverse. Tall Bronze Turner. Light bronze. Incurved. Fine for exhibition. Medium Indianapolis Bronze. Buff bronze suffused with pink. Incurved. Medium Mrs. David F. Roy. Crimson with deep buff reverse. Incurved. Short Indian Chief. Deep reddish bronze with golden buff reverse. Incurved. C.S.A. Medium Anaconda. Deep coppery red with golden bronze reverse. New variety. See page 3	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Sept. 5 Aug. 30 Aug. 25 Ter. Bud Sept. 15 Sept. 5 Sept. 5	Oct. 15 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28 Nov. 1 Nov. 1 Nov. 1 Nov. 5 Nov. 8 Nov. 10	\$3.50 \$3.50 3.50 12.00 3.50 8.00 4.50 3.50 3.50 6.00 6.00 3.50 3.50 3.50 3.50 6.00	\$32.50 \$32.50 100.00 32.50 75.00 40.00 32.50 32.50 32.50 50.00 50.00 32.50 32.50 32.50
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode. Medium Indianola. Pale reddish bronze. Incurved. Medium Mongol. Golden bronze. Incurved. Medium Hilda Bergen. Dark reddish bronze. Incurved. Can be grown several flowers to plant. Medium Cambria. Golden bronze. Incurved. C.S.A. Medium Alameda. Reddish bronze with buff reverse. Incurved. Glitters. Deep reddish orange. Reflexed. Medium Wahoo. Clear bronze. New variety. See page 5 Apricot Queen. Orange bronze. Incurved. Short Detroit News. Reddish bronze with silvery reverse. Tall Bronze Turner. Light bronze. Incurved. Medium Indianapolis Bronze. Buff bronze suffused with pink. Incurved. Medium Mrs. David F. Roy. Crimson with deep buff reverse. Incurved. Short Indian Chief. Deep reddish bronze with golden buff reverse. Incurved. Short Indian Chief. Deep reddish bronze with golden buff reverse. Incurved. C.S.A. Medium Anaconda. Deep coppery red with golden bronze reverse. New variety. See page 3 Mrs. A. J. Stahelin. Reddish bronze. Incurved. Medium	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Sept. 5 Aug. 30 Aug. 25 Ter. Bud Sept. 15 Sept. 5	Oct. 15 Oct. 1 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28 Nov. 1 Nov. 1 Nov. 1 Nov. 5 Nov. 8 Nov. 10 Nov. 10 Nov. 13 Nov. 15	\$3.50 \$3.50 3.50 12.00 3.50 8.00 4.50 3.50 3.50 6.00 6.00 3.50 3.50 3.50 6.00 3.50 3.50	\$32.50 \$32.50 32.50 100.00 32.50 75.00 40.00 32.50 32.50 32.50 50.00 50.00 32.50 32.50 32.50
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Sept. 5 Aug. 25 Ter. Bud Sept. 5 Aug. 25 Ter. Bud Sept. 15 Sept. 5	Oct. 15 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28 Nov. 1 Nov. 1 Nov. 1 Nov. 5 Nov. 8 Nov. 10 Nov. 10 Nov. 13 Nov. 15 Nov. 15	\$3.50 \$3.50 12.00 3.50 8.00 4.50 3.50 3.50 6.00 6.00 3.50 3.50 3.50 3.50	\$32.50 \$32.50 100.00 32.50 75.00 40.00 32.50 32.50 32.50 50.00 50.00 32.50 32.50 32.50
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Sept. 5 Aug. 30 Aug. 25 Ter. Bud Sept. 15 Sept. 5 Sept. 5 Ter. Bud Sept. 15 Sept. 5	Oct. 15 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28 Nov. 1 Nov. 1 Nov. 5 Nov. 8 Nov. 10 Nov. 10 Nov. 13 Nov. 15 Nov. 18	\$3.50 \$3.50 3.50 8.00 4.50 3.50 3.50 3.50 6.00 6.00 3.50	\$32.50 \$32.50 100.00 32.50 75.00 40.00 32.50 32.50 32.50 50.00 50.00 32.50 32.50 32.50 32.50
BRONZE AND REI Bronze Lode. Pale buff bronze. Reflexed. Sport from Gold Lode	Aug. 25 Aug. 25 Ter. Bud Aug. 25 Ter. Bud Sept. 5 Aug. 25 Ter. Bud Sept. 5 Aug. 25 Ter. Bud Sept. 15 Sept. 5	Oct. 15 Oct. 10 Oct. 20 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 28 Oct. 28 Nov. 1 Nov. 1 Nov. 1 Nov. 5 Nov. 8 Nov. 10 Nov. 10 Nov. 13 Nov. 15 Nov. 15	\$3.50 \$3.50 12.00 3.50 8.00 4.50 3.50 3.50 6.00 6.00 3.50 3.50 3.50 3.50	\$32.50 \$32.50 100.00 32.50 75.00 40.00 32.50 32.50 32.50 50.00 50.00 32.50 32.50 32.50

LARGE FLOWERING	MUMS-General Collection-Continued
BRON7	'F AND RED Continued

Name and Description Heigh	t Select Bud	Matures	100	1000
Gladys Pearson. Light buff bronze. Incurved. Medium Oak Leaf. Reddish bronze. Incurved. Sport of	Sept. 30	Nov. 25	\$3.50	\$32.50
Gladys Pearson	Sept. 30 Sept. 10	Nov. 25 Nov. 25	3.50 3.50	32.50 32.50
verses. Incurved. New variety. See pages 4-5. Harvard. Deep red. Reflexed. Medium Mohawk Chief. Deep red. Reflexed. Medium Bronze Mistletoe. Buff bronze. Incurved. Medium	n Sept. 30 n Oct. 1	Nov. 28 Nov. 30 Nov. 30 Dec. 10	3.50 3.50 3.50	32.50 32.50 32.50
PINK				
Lustre. Light lavender. Incurved	Aug. 25 Ter. Bud Ter. Bud	Oct. 10 Oct. 10 Oct. 15	\$3.50 12.00 3.50	\$32.50 100.00 32.50
shading	Aug. 30 Sept. 5 Aug. 15	Oct. 15 Oct. 20 Oct. 20 Oct. 20 Oct. 20 Oct. 25 Oct. 25	3.50 3.50 3.50 3.50 3.50 3.50 6.00	32.50 32.50 32.50 32.50 32.50 32.50 50.00
in color. New variety. See page 5	Ter. Bud	Oct. 28 Nov. 1 Nov. 1	6.00 4.50	50.00 40.00
curved	Aug. 30 Sept. 10 Aug. 25	Nov. 5 Nov. 5 Nov. 5	3.50 3.50 6.00	32.50 32.50 50.00
Incurved. Fine for exhibition	Aug. 25	Nov. 5	6.00	50.00
verse. Incurved. Good commercial pink. Medium Orchid Queen. Orchid pink. Incurved. Medium Dr. Enguehard. Deep lavender. Incurved. Medium Dr. Enguehard.	n Ter. Bud	Nov. 8 Nov. 12 Nov. 20	3.50 3.50 3.50	32.50 32.50 32.50
Peter John. Deep rose pink. Reflexed. Sport from Thanksgiving Pink. Short Thanksgiving Pink. Amaranth. Reflexed. Short Distinction. Lavender. Incurved. Medium Helen Frick. Rose pink. Incurved. Short Edwin Seidewitz. Lavender. Incurved. Tall Pink Mistletoe. Lavender. Incurved. Medium	Sept. 10 Sept. 15	Nov. 23 Nov. 23 Nov. 25 Nov. 25 Nov. 30 Dec. 10	3.50 3.50 3.50 3.50 3.50 3.50	32.50 32.50 32.50 32.50 32.50 32.50

LARGE FLOWERING MUMS Special Group — Exhibition Varieties These varieties are really exhibition types, but some are good commercially as well, and therefore listed here. Very useful for one who retails his own blooms of these kinds.

Name and Description	Height	Select Bud	Mature	s 100	1000
Grace Sturgis. Wine red with pinkish silver reverse. Reflexed	. Tall . Medium . Medium	Aug. 25 Aug. 25 Aug. 25 Aug. 25	Nov. Nov. Nov.	5 6.00 5 6.00	\$50.00 50.00 50.00 50.00
Pink Turner (Mrs. Leslie Davis). Lavender. In curved	. Medium . Medium	Aug. 25 Aug. 15	Nov. Nov.		50.00 75.00
commercial	.Medium	Aug. 15	Nov. 8	8 8.00	75.00
Dark Pink Thos. Pockett. Lavender. Semi incurved	.Medium	Aug. 15	Nov. 8	8 8.00	75.00
We have limited quantities of some other Exh	ibition Var	rieties	Doz. \$2.	00, 10.00	

Pompon, Single and Anemone Varieties

Some of These Varieties Make Suitable Pot Plants—See pages 22 to 24

Types are abbreviated as follows: Pom.—Pompon, Dec.—Decorative, Sing.—Single, Anem.—Anemone. Size of flower is indicated by S—Small, Int.—Intermediate, L—Large **YELLOW**

1 ELLOW				
Name and Description Height	Select Bud	Matures	100	1000
Yellow Irene. Light lemon yellow. Sport from			** ==	
IreneShort	S. Pom.	Oct. 18	\$3.50	\$32.50
Rodell Improved. Light lemon yellowShort	Int. Pom.	Oct. 20	3.50	32.50
Gold Finch. Golden yellowMedium	Int. Pom.	Oct. 20	3.50	32.50
Yellow Hammer. Golden yellow. Good for				
shadingMedium	Int. Pom.	Oct. 20	12.00	100.00
Golden Spray. Deep lemon yellowMedium	Int. Pom.	Oct. 23	3.50	32.50
*Golden Herald. Deep golden yellowMedium	L. Dec.	Oct. 25	3.50	32.50
Cora Peck Buhl. Light buff yellowTall	Int. Pom.	Oct. 25	3.50	32.50
Yellow Dot. Yellow with bronze center. Sport				
from Pink DotMedium	Int. Pom.	Oct. 25	3.50	32.50
Yellow Arcadia. Pernet yellow. Color does not				
fadeMedium	Int. Pom.	Oct. 28	4.50	40.00
Yellow Daisy. Deep lemon yellowMedium	Int. Sing.	Nov. 1	3.50	32.50
Mary Lennon Hall (Deep lemon yellow. Both				
Vera Victoria varieties the sameTall	Int. Pom.	Nov. 1	3.50	32.50
*Yellow Sea Gull. Sport from Sea GullTall	Int. Pom.	Nov. 1	3.50	32.50
*Yellow Doty. Buff yellowMedium	L. Pom.	Nov. 1	3.50	32.50
Gretchen Piper. Lemon yellow	Int. Sing.	Nov. 1	3.50	32.50
Yellow Blanche. Pale Iemon yellow sport Medium	Int. Anem.	Nov. 1	3.50	32.50
Autumn Glints. YellowMedium	L. Pom.	Nov. 1	4.50	40.00
*Prince Charming. Soft yellow with gold shad-				
ingsTall	L. Sing.	Nov. 3	15.00	125.00
Nuggets. Light lemon yellowShort	S. Pom.	Nov. 5	3,50	32.50
Yellow Bushnell. Pernet yellow. Sport from				
Rev. BushnellTall	Int. Pom.	Nov. 8	4.50	40.00
Derigold. Deep golden yellowMedium	Int. Pom.	Nov. 10	3.50	32.50
*Golden Mensa. Pale lemon yellowMedium	Int. Sing.	Nov. 10	3.50	32,50
*Helios. Deep golden yellow. Gold Medal, New	8			
York Florists' Club	L. Anem.	Nov. 10	3.50	32.50
Lila Lilly. Lemon yellowShort	Int. Anem.	Nov. 10	3.50	32.50
Golden Baby. One of the smallest Pompons.				
Clear yellowShort	S. Pom.	Nov. 10	4.50	40.00
Pixie. Deep golden yellow Pompon. Good for				
early shading. New variety. See pages 8 and 10		Nov. 10		
Yellow New York. Deep lemon yellow sport Medium	S. Pom.	Nov. 13	3.50	32.50
Yellow Fellow. Deep lemon yellowMedium	Int. Dec.	Nov. 15	3.50	32.50
*Sunny Boy. Pale buff yellowMedium	Int. Sing.	Nov. 15	3.50	32.50
Sunray. Light lemon yellow	Int. Anem.	Nov. 15	3.50	32.50
Illini Gold. Golden yellow. Heavy producerMedium	L. Pom.	Nov. 15	3.50	32.50
Gold Imperial. Rich golden yellow Pompon.	2011	1101.10	0.00	01.00
New variety. See page 7		Nov. 15		
Lois. Deep golden yellowMedium	S. Pom.	Nov. 18	3.50	32.50
*Susanne Miller. Buff yellow. Sport from Norma. Tall	L. Anem.	Nov. 18	3.50	32.50
Pomponette. Light buff yellow	S. Pom.	Sept. 20	4.50	40.00
Hasegawa Gold. Light golden yellowMedium	Int. Pom.	Nov. 23	3.50	32.50
*Yellow Rolinda. Light buff yellow sportMedium	Int. Anem.			
	int. Anem.	1NOV. 23	3.50	32.50
Golden Surprise. Sulphur yellow Pompon. New variety. See pages 7 and 8		Nov. 23		
*Good for disbudding.		1NOV. 26		
Good for dispudding,				

POMPON, SINGLE and ANEMONE VARIETIES—Continued

YELLOW—Continued Name and Description Height Select Bud Matures 100 1000 Int. Dec. Nov. 25 \$4.50 \$40.00 Golden Sceptre. Lemon yellow......Tall S. Pom. Nov. 25 3.50 32.50 L. Anem. Nov. 25 3.50 32.50 S. Pom. Nov. 25 3.50 32.50 L. Anem. Nov. 25 6.00 50.00 Sunshine. Deep golden yellow.....Short Int. Anem. Nov. 25 3.50 32.50 *Yellow Yuletide. Pale Iemon yellow......Short Int. Pom. Nov. 28 3.50 32.50 Christmas Gold. Deep golden yellow......Medium S. Pom. Nov. 28 3.50 32.50 Canary. Canary yellow. Gives heavy yield.... Medium L. Pom. Nov. 28 3.50 32.50 Yellow Cordova. Lemon yellow. Sport......Medium Int. Dec. Nov. 30 3.50 32.50 Golden Jane. Golden sport of Jane. New variety. See page 10..... Nov. 30 *Gold Coin (Unalga). Deep Iemon yellow.....Medium Int. Pom. 3.50 32.50 Dec. 1 Int. Pom. Dec. 3.5032.50 Golden Modena. Deep lemon yellow sport....Medium Dec. 3.50 Int. Pom. -5 32.50 Int. Sing. Dec. 5 3.50 32.50 L. Anem. Dec. 3.5032.50 Yellow Silver Star. Pale Iemon yellow sport... Tall Int. Pom. Dec. 10 3.50 32.50 L. Anem. *Yellow Supreme. Sport from Pink Supreme... Medium Dec. 10 3.50 32.50 December Gold. Deep golden vellow.......Medium Int. Dec. Dec. 15 3.50 32.50 Int. Pom. 3.50 Dec. 15 32.50 Yellow Garza Supreme. Pale lemon yellow...Short Int. Anem. Dec. 15 3.50 32.50 Spun Gold. Deep lemon yellow Pompon. Good substance. New variety. See page 10..... Dec. 15 Vibrant. Deep lemon yellow. Brilliant color... Medium Int. Dec. Dec. 20 4.50 40.00 Int. Dec. Dec. 20 4.50 40.00 Int. Pom. 4.50 Dec. 25 40.00 Yellow Snow. Deep lemon yellow sport..... Medium Int. Pom Dec. 30 8.00 75.00 WHITE Int. Pom. \$3.50 \$32.50 Oct. 10 Int. Pom. Oct. 10 4.50 40.00 White Jewell. White tinged with light lavender. Short 3.50 32.50 S. Pom. Oct. 15 3,50 32.50 *Silver Ball: Medium L. Pom. Oct. 15 32.50 Int. Pom. Oct. 15 3.50 Irene.....Short S. Pom. Oct. 18 3.50 32.50 Minong......Medium 3.50 32.50 S. Pom. Oct. 20 32.50 Silver Bells......Medium S. Pom. 3.50 Oct. 23 Int. Pom. Oct. 28 3.50 32.50 *Graceland. White with yellow center......Medium Int. Anem. Oct. 28 3.50 32.50 Int. Pom. Nov. 1 3.50 32.50 Nov. Mary Pickford.....Short S. Pom. 3.50 32.50 L. Pom. Nov. 3.50 32.50 Blanche......Medium Int. Anem. Nov. 3.50 32.50 Int. Sing. Nov. 3.50 32.50 Silver Emblem. Cream white......Tall White Izola. Sport of Izola.....Short S. Anem. Nov. 3.50 32.50 3.50 32.50 *White Anemone. C.S.A......Tall Int. Anem. Nov. White Caps. Pure white, round bloom Medium Int. Pom. Nov. 3.50 32.50 Int. Anem. Nov. 3.50 32.50 Rev. Horace Bushnell. Cream white.......Tall 32.50 Int. Pom Nov. 3.50 3.50 32.50 *Shasta. C.S.A......Medium Int. Anem. Nov. Crystal Jewell......Tall S. Pom. Nov. 3.50 32.50 *Good for disbudding

POMPON, SINGLE and ANEMONE VARIETIES—Continued

WHITE—Continued				
Name and Description Height	Select Bud	Matures	100	1000
Collarette. White with yellow cushionMedium	Int. Anem.	Nov. 8		\$100.00
Illini Glory. White. Good producerMedium	L. Sing.	Nov. 8	3.50	32.50
*White Mensa. Ivory whiteMedium	Int. Sing.	Nov. 10	3.50	32.50
*Little America. Snow white	Int. Anem.	Nov. 10	3.50	32.50
Nagona. Ivory whiteMedium	Int. Sing.	Nov. 10	3.50	32.50
Chicago Pearl. Ivory whiteMedium	Int. Pom.	Nov. 15	3.50	32.50
*White Freida. White with yellow cushion. Sport. Medium	L. Anem.	Nov. 15	4.50	40.00
*Irene Hayes. WhiteTall	L. Anem.	Nov. 15	4.50	40.00
Illini Snowflake. Clear whiteMedium	L. Pom.	Nov. 15	3.50	32.50
Bobbie. Creamy whiteMedium	S. Pom.	Nov. 18	3.50	32.50
*White Norma. White suffused with pinkTall	L. Anem.	Nov. 18	3.50	32.50
Pearl. Resembles Chicago Pearl	Int. Pom.	Nov. 20	3.50	32.50
Seafoam. Pure white large Pompon. New vari-		NI OO		
ety. See pages 9 and 10	· · · · · ·	Nov. 23	0.70	
Early Garza SupremeShort	Int. Anem.		3.50	32.50
*White YuletideShort	Int. Pom.	Nov. 28	3.50	32.50
Priscilla. Late white Pompon. New variety.		Nov. 28		
See page 8	Int. Dec.	Nov. 30	3.50	32.50
	Int. Pom.	Dec. 5	3.50	32.50
Royal Queen	Int. Pom.	Dec. 5	8.00	75.00
Cameo. Ivory white	Int. Pom.	Dec. 10	3.50	32.50
Silver Star. Ivory white. Good for lateTall YukonTall	Int. Fom. Int. Sing.	Dec. 10	4.50	40.00
*White Supreme. White suffused with pinkMedium	L. Anem.	Dec. 10	3.50	32.50
- ·	Int. Dec.	Dec. 15	3.50	32.50
December Glory. Ivory white	Int. Dec.	Dec. 15	3.50	32.50
Garza Supreme Short White Treasure Island Medium	Int. Anem. Int. Dec.	Dec. 15		
Snow. Ivory white	Int. Dec.	Dec. 30	4.50 3.50	40.00
Sitow. Ivory write	Int. I om.	Dec. 50	3.50	34.50
BRONZE AND RED				
Bronze Gold. Gold tinted with bronze. New variety. See page 6		Sept. 28		
Marjorie Mills. Deep crimson. New variety.		Эерг. 26		
See page 7		Sept. 30		
Red Velvet. Velvety crimson. New variety.				
See page 9		Oct. 5		
Ruby Pompon. Ruby crimson. New variety.				
See page 9		Oct. 5		
Red Wing. Reddish bronze Pompon. New vari-		0 . 10		
ety. See page 9		Oct. 10		
Clara Jameson. Dark reddish bronze Medium	S. Pom.	Oct. 15	\$3.50	\$32.50
Bonnibell. Light buff bronzeShort	S. Pom.	Oct. 15	3.50	32.50
Nubian. Bronzy red	L. Pom.	Oct. 15	3.50	32.50
Roman Bronze. Sport from Capt. CookTall	Int. Pom.	Oct. 20	3.50	32.50
Carlina Lee. Reddish bronze	Int. Dec.	Oct. 20	3.50	32.50
Thorina. Reddish bronze	Int. Pom.	Oct. 20	3.50	32.50
Adelaide. Dark reddish bronze	S. Pom.	Oct. 23	3.50	32.50
*Jemima. Dark reddish bronze	Int. Pom.	Oct. 23	3.50	32.50
Bronze Persian Rose. Bronze sport of Persian Rose. Short	Int. Pom.	Oct. 23	4.50	40.00
Natoma. Flame scarletShort	Int. Dec.	Oct. 25	3.50	32.50
Ethel. Reddish bronzeMedium	S. Pom.	Oct. 25	3.50	32.50
Fire Bird. Dark reddish bronze	Int. Dec.	Oct. 25	3.50	32.50
*Good for disbudding.		Jet. 20	0.00	02.00
dioxadamg				

POMPON, SINGLE and ANEMONE VARIETIES—Continued BRONZE AND RED—Continued

BRONZE AND RED—Continued				
Name and Description Height	Select Bud	Matures	100	1000
California Red. Dark bright red. Good for				
shadingMedium	L. Sing.	Oct. 25	\$4.50	\$40.00
October Bronze. Light bronze	Int. Sing.	Oct. 28	3.50	32.50
Bronze Daisy. Light bronze	Int. Sing.	Nov. 1	3 50	32.50
Gold Drop. Old goldMedium	Int. Pom.	Nov. 1	3.50	32.50
Mrs. Chas. Wylie. Reddish bronzeTall	L. Anem.	Nov. 1	3.50	32.50
Pasadena. Orange bronzeMedium	L. Sing.	Nov. 1	4.50	40.00
*Absolute. Bronze, yellow centerTall	L. Sing.	Nov. 1	3.50	32.50
Elizabeth Peterson. Light orange bronzeMedium	Int. Dec.	Nov. 3	3.50	32.50
Bronze Buckingham. Light orange bronzeShort	Int. Sing.	Nov. 3	3.50	32.50
Robin Hood. Dark redMedium	S. Pom.	Nov. 5	3.50	32.50
*Red Rover. Crimson orangeShort	L. Sing.	Nov. 5		
Red Daisy. Deep red	Int. Sing.		3.50	32.50
Creole. Bronze		Nov. 5	3.50	32.50
Navaho. Deep crimson Pompon. Good for shad-	Int. Pom.	Nov. 5	3.50	32.50
ing. C.S.A. New variety. See pages 7 and 8		Nov. 5		
Bronze Bulkeley. Sport from Mrs. BulkeleyTall	Int. Pom.	Nov. 8	4.50	40.00
Golden Gleam. Yellow and orangeTall	L. Sing.	Nov. 8	3.50	
Cassandra. Bright orange bronze Pompon. Good	L. Jing.	1400. 0	3.50	32.50
for shading. New variety. See pages 6 and 7		Nov. 8		
*Mason's Bronze. Burnt orangeShort	L. Sing.	Nov. 10	3.50	32.50
*Meson's Red. Crimson with orange center. Sport. Short	L. Sing.	Nov. 10	4.50	40.00
Tagoya. Brilliant Goya red. C.S.AShort	Int. Sing.	Nov. 10	3.50	32.50
*Europa. Cardinal redShort	L. Sing.	Nov. 10	8.00	75.00
*Clara Holford. Deep red. Gold Medal, New	L. Ollig.	1407. 10	0.00	13.00
York Florists' ClubMedium	L. Sing.	Nov. 10	3.50	32.50
*Bronze Tuxedo. Light buff suffused with pink.		- 10 , 7 - 20		02.00
SportMedium	L. Anem.	Nov. 10	3.50	32.50
*The Titan. Scarlet crimson with bronze red				
Cu shionMedium	L. Anem.	Nov. 10	3.50	32.50
*Melba. Light reddish bronzeShort	L. Sing.	Nov. 10	3.50	32.50
*Red Melba. Light redShort	L. Sing.	Nov. 10	3.50	32.50
Pirate Gold. Rich gold bronzeMedium	Int. Pom.	Nov. 10	3.50	32.50
Manchukuo. Chestnut. C.S.ATall	L. Pom.	Nov. 10	3.50	32.50
Grenadier. Rich red	Int. Pom.	Nov. 10	3.50	32.50
*Cora Scovil. Burnt orangeTall	Int. Anem.	Nov. 10	3.50	32.50
Crusader. Maroon with gold cushionTall	Int. Anem.		3.50	32.50
Radiant. Bright redTall	L. Sing.	Nov. 10	3.50	32.50
Lighthouse. Reddish bronze; good for shading. Medium	Int. Sing.	Nov. 10	4.50	40.00
New York. Reddish bronzeMedium	S. Pom.	Nov. 13	3.50	32.50
*Bronze Masterpiece. Apricot bronze; sportMedium	Int. Pom.	Nov. 15	6.00	50.00
Fez. Deep reddish bronzeMedium	S. Pom.	Nov. 15	3.50	32.50
Princeton. Golden yellow suffused with orange. Medium	Int. Dec.	Nov. 15	3.50	32.50
Red Princeton. Brazil redMedium	Int. Dec.	Nov. 15	3.50	32.50
Mrs. Mary Hooker. Deep redTall	L. Dec.	Nov. 15	3.50	32.50
Vagabond. Apricot buffMedium	Int. Sing.	Nov. 15	4.50	40.00
*Bronze Freida. Salmon buff with yellow center.				
SportMedium	L. Anem.	Nov. 15	4.50	40.00
Flambeau. Golden bronze. Heavy producerMedium	L. Pom.	Nov. 15	6.00	50.00
Gypsy. Reddish bronzeShort	S. Anem.	Nov. 15	3.50	32.50
November Bronze. Orange bronze; very good Medium	Int. Pom.	Nov. 18	3.50	32.50
Bronze Norma. Terminal budTall	Int. Anem.	Nov. 18	4.50	40.00
Catherine. Light reddish bronze	Int. Dec.	Nov. 20	3.50	32.50
*Good for disbudding.				

POMPON, SINGLE and ANEMONE VARIETIES—Continued BRONZE AND RED—Continued

BRONZE AND RED—Co				
Name and Description Height	Select Bud	Matures	100	1000
Legal Tender. Bronze and goldMedium	Int. Dec.	Nov. 20	\$3.50	\$32.50
Afterglow. Rust bronze. Attractive for Thanks-				
givingMedium	Int. Sing.	Nov. 20	4.50	40.00
Flamingo. Scarlet with yellow centerMedium	Int. Sing.	Nov. 20	4.50	40.00
Garnet. Deep red for growing in spraysMedium	L. Anem.	Nov. 20	3.50	32.50
Sunset. Brilliant orange-bronze Pompon. New				
variety. See page 10		Nov. 20		
*Rolinda. Reddish bronzeMedium	Int. Anem.	Nov. 23	3.50	32.50
*Red Rolinda. Deep reddish bronze. SportMedium	Int. Anem.	Nov. 23	3.50	32.50
Apricon. Apricot yellow. Good formMedium	Int. Pom.	Nov. 25	4.50	40.00
Dorothy Turner. Deep reddish bronzeMedium	Int. Pom.	Nov. 25	3.50	32.50
Amberlite. Orange bronzeMedium	Int. Sing.	Nov. 25	8.00	75.00
Bristolite. Deep orange bronzeMedium	Int. Pom.	Nov. 25	3.50	32.50
*Sunburst. Sunburst orange	L. Sing.	Nov. 25	3.50	32.50
Yolanda. Light orange bronzeMedium	S. Anem.	Nov. 25	3.50	32.50
*Crimson Glow. Crimson maroonMedium	Int. Anem.	Nov. 25	3.50	32.50
Dusky Maid. Rich red and goldTall	Int. Pom.	Nov. 25	3.50	32.50
Beautan. Golden tan	L. Pom.	Nov. 25	3.50	32.50
	L. Pom.	Nov. 25	4.50	40.00
Helen Hubbard. Velvety crimson	L. Pom.	Nov. 25	3.50	32.50
Frank Wilcox. Orange bronze	L. Pom.			32.50
Red Wilcox. Reddish bronze		Nov. 25	3.50	
Glow. Orange, reddish orange at centerMedium	Int. Pom.	Nov. 30	3.50	32.50
*Jane. Light buff bronze. Sport from Valencia. Tall	L. Sing.	Nov. 30	3.50	32.50
*Carnelia. Bittersweet redShort	L. Sing.	Nov. 30	3.50	32.50
Orange Belle. Reddish bronzeMedium	S. Pom.	Nov. 30	8.00	75.00
Apricot Valencia. Deep apricot buff sport, of dark pink Valencia. New variety. See page 10		Nov. 30		
Red Valencia. Brazil red sport of Valencia. New				
variety. See page 10		Nov. 30		
Royal Crimson. Dark crimson	L. Dec.	Dec. 1	3.50	32.50
Viking. Deep reddish bronze shading to orange.Medium	Int. Sing.	Dec. 1	3.50	32.50
Chrome Emerald. Golden orange with gold				
cushionShort	Int. Anem.	Dec. 1	3.50	32.50
Wildfire. Orange rustMedium	Int. Dec.	Dec. 3	3.50	32.50
*Matador. Crimson redMedium	L. Anem.	Dec. 5	8.00	75.00
Harmony. Red orange with bronze shadingMedium	Int. Pom.	Dec. 5	3.50	32.50
Cavalcade. Mandarin red. Golden bronze reverse. Medium	Int. Pom.	Dec. 10	3.50	32.50
Blaze. Deep scarlet redTall	Int. Sing.	Dec. 10	3.50	32.50
*Bronze Supreme. Light bronze suffused with	T A	D 10	2.50	20.50
pinkMedium	L. Anem.	Dec. 10	3.50	32.50
Sarong. Crimson scarlet. Best grown on raised benches	Int. Sing.	Dec. 15	4.50	40.00
peneneo	int. Omg.	Dec. 10	1.00	40.00
PINK				
Lavender Lassie. Almost identical color of Lav-				
ender Lady, but smaller Pom. New variety.		C		
See page 7		Sept. 30		
Rembrandt. Rosy mauve. New variety. See		Oct. 1		
page 9	S. Pom.		¢12.00	£100.00
Jewell. LavenderShort	S. Pom. S. Pom.	Oct. 10		\$100.00
Dark Pink Jewell. Deep lavender. Sport from	S. FOIII.	Oct. 15	3.50	32.50
JewellShort	S. Pom.	Oct. 15	3.50	32,50
Lilac. Pink Short	Int. Pom.	Oct. 15	3.50	32.50
*Good for disbudding.	ALLO T OIII	300. 10	0.00	02.00
out in moradang.				

POMPON, SINGLE and ANEMONE VARIETIES—Continued

PINK—Continued				
Name and Description Name and Description Bonnie Maid. Pink, following Jewell. Medium Pink Pearl. Rose pink. Medium Capt. Cook. Deep rose pink. Tall Fair Maid. Light lavender. Medium Sheila. Clear pink. Medium Sheila. Clear pink. Medium Persian Rose. Deep rose pink. Short Rose Pearl. Lavender. Tall Jessie (Madeline). Light lavender. Medium Pink Dot. White with pink center. Medium Betty Rose. Pink petals and cushion Medium Ecstasy. Clear Pink. Tall October Pink. Light lavender. Medium Isobel. Light lavender. Medium Isobel. Light lavender. Medium Isobel. Light lavender. Medium *Light lavender. Medium *Light lavender. Medium *Rose Charm. Lavender. Medium *Rose Charm. Lavender. Medium *Rose Charm. Lavender. Medium *Rose Royal. Light lavender. Medium *Rose Royal. Light lavender. Medium La Vera. Tall Bright Spot. Shell pink. Medium W. H. Buckingham. Rose pink. Short *Topknot. Amaranth with cream white cushion Medium Pinkitee. Large pink Pompon. New variety.	Select Bud L. Pom. S. Pom. Int. Pom. L. Anem. L. Pom. L. Pom. L. Pom. L. Pom. L. Pom. L. Pom. Int. Sing. Int. Anem. Int. Anem. Int. Anem. Int. Anem. Int. Anem. Int. Anem. Int. Pom. Int. Anem. Int. Pom. Int. Pom. Int. Sing. Int. Anem.	Nov. 1 Nov. 1 Nov. 3	\$3.50 3.50	\$32.50 \$2.50 32.50 100.00 32.50 32.50 40.00 32.50 32.50 32.50 32.50 32.50 32.50 32.50 32.50 32.50 32.50 32.50 32.50 32.50 32.50 32.50 32.50
See page 8. Mrs. Morgan G. Bulkeley. Pink. Tall Linda Lou. Lavender. Medium *Thyra. Lavender. Medium *Tuxedo. Rose pink. Medium Lulabel. Suffused pink, yellow cushion. Medium Ethrelda. Lavender. Short Silver Tips. Deep lavender with silver tips. Medium *Masterpiece. Tourmaline pink. Medium	Int. Pom. Int. Anem. L. Pom. L. Anem. L. Anem. Int. Anem. Int. Pom. Int. Pom.	Nov. 10 Nov. 10 Nov. 12	3.50 3.50 3.50 3.50 6.00 3.50 3.50 3.50	32.50 32.50 32.50 32.50 50.00 32.50 32.50 32.50
Orchid Beauty. Orchid with golden cushion. C.S.A	Int. Anem. L. Anem.	Nov. 15 Nov. 15	3.50 3.50	32.50 32.50
*Norma. Orchid pink petals, salmon cushion.	L. Anem.	Nov. 15	4.50	40.00
Terminal bud	Int. Anem.	Nov. 18	3.50	32.50
*Dark Pink Norma. Darker than Norma. Ter- minal budTall	Int. Anem.	Nov. 18	3.50	32.50
*Long Island Beauty. Pale pink with yellow cushion	L. Anem. Int. Pom. Int. Sing. L. Anem. Int. Pom. L. Sing. L. Sing.	Nov. 20 Nov. 25 Nov. 25 Nov. 25 Nov. 25 Nov. 30 Nov. 30	3.50 3.50 3.50 3.50 3.50 12.00 3.50 3.50	32.50 32.50 32.50 32.50 100.00 32.50 32.50
	Int. Pom. Int. Pom. Int. Dec. L. Anem. L. Anem. Int. Sing. Int. Dec. Int. Sing.	Dec. 5 Dec. 10 Dec. 10 Dec. 10 Dec. 10 Dec. 10 Dec. 10 Dec. 20 Dec. 20	3.50 3.50 3.50 3.50 4.50 12.00 3.50 8.00	32.50 32.50 32.50 32.50 40.00 100.00 32.50 75.00
PURPLE				
Purple Queen. Purple. Gold cushionTall Purple Daisy. Deep amaranthTall *Good for disbudding.	Int. Anem. L. Anem.	Nov. 15 Nov. 20	\$3.50 6.00	\$32.50 50.00

Novelty — Odd Formed

FEATHERY AND VARIOUS TYPES OF CHRYSANTHEMUMS

These odd-formed Mums are feathery and threadlike varieties, very much admired at the Flower Shows and Exhibitions

Ter. Bud	Nov. 1	\$6.00	\$50.00
Ter. Bud	Nov. 1	6.00	50.00
Ter. Bud	Nov. 5	6.00	50.00
Ter. Bud	Nov. 5	6.00	50.00
Ter. Bud	Nov. 10	6.00	50.00
Ter. Bud	Nov. 10	6.00	50.00
Ter. Bud	Dec. 1	6.00	50.00
	Ter. Bud Ter. Bud Ter. Bud Ter. Bud Ter. Bud	Ter. Bud Nov. 1 Ter. Bud Nov. 5	Ter. Bud Nov. 10 6.00



GLEAM O'GOLD

Hardy Korean Varieties

These Hybrid Korean Chrysanthemums are aristocrats of the Fall Garden and are hardy types. These charming colors assure a gorgeous display and their magnificence is greatly admired by the general public. The following are the best of the recent introductions.

	Blooming		
Name and Description	Date	100	1000
Apollo. Bronze red	.Oct. 12	\$3.50	\$32.50
Autumn Lights. Coppery bronze	.Sept. 20	4.50	40.00
Burgundy. Amaranth	.Oct. 5	4.50	40.00
Caliph. Deep red	.Oct. 8	3.50	32.50
Ember. Coral bronze	.Oct. 15	3.50	32.50
Gleam O'Gold. Lemon yellow	.Oct. 5	7.00	65.00
King Midas. Light lemon yellow	.Sept. 30	3.50	32.50
Mandarin. Coral salmon	.Oct. 10	3.50	32.50
Nancy Copeland. Red	.Sept. 25	3.50	32.50
Pygmy Gold. Golden yellow	.Sept. 5	3.50	52.50
Romany. Reddish bronze	.Oct. 5	3.50	32.50
Symphony. Coppery pink	.Oct. 12	3.50	32.50
The Moor. Amaranth	.Oct. 5	3.50	32.50

Hardy Early-Flowering Mums

FOR OUTDOOR GROWING

Outdoor blooming Pompons of this group are becoming increasingly popular. This is of great interest to the commercial florists who sell to the public, particularly the amateur gardener who likes to exhibit at local shows.

There is a greater desire for a wider range of color in the Fall Garden which can be so easily and profusely provided for by Hardy Early Flowering Pompons. They will bloom right up to frost period

and afford a wonderful opportunity for increased sales.

You will in the near future hear of the formation of "Local Chrysanthemum Clubs" in many communities. You should be ready for this business. Order Cuttings now and you will be ready for this plant business this Spring and Fall. Buy some of the newer varieties as well as the good standards.

Dates are approximate and as a sort of guide for those who wish to group their plantings. Many varieties are suitable for rock gardens. Plants can be dug and replanted in window boxes, vases or in other parts of the garden. Some of these varieties are desirable for culture under glass.

See separate list under Korean Hybrids, page 20.

Hardy Early Cushion Mums

These are of the Azaleamum type. Dwarf and of spreading habit. Very colorful. Suitable in colder climates. Blooming early September.

Amelia. Lavender King Cushion. Bronze Queen Cushion. White, shaded lavender Red Cushion

Yellow Cushion

All above: R. C., \$3.50 per 100, \$32.50 per 1000

2 in. pots available in Spring of all above—\$2.00 per 10, \$10.00 per 100

White Gull. Pure white. 2 in. pots......\$3.00 per 10, \$16.00 per 100

YELLOW				
Name and Description Height	Type	Matures	100	1000
Harvest Gold. Pele lemon yellow	Semi-dble. Button Decorative	Sept. 1 Sept. 5	\$4.50 3.50 3.50	\$40.00 32.50 32.50
yellow	Decorative	Sept. 15	3.50	32.50
Early Bronze	Button Button Decorative Pompon Decorative Decorative Button Spoon Button	Sept. 15 Sept. 15 Sept. 20 Sept. 20 Sept. 25 Sept. 30 Oct. 5 Oct. 5 Oct. 10	3.50 15.00 12.00 4.50 3.50 7.00 7.00 3.50	32.50 125.00 100.00 40.00 32.50 65.00 65.00 32.50 32.50
Rodell Improved. Light lemon yellowMedium Judith Anderson. Golden yellowMedium	Button Button	Oct. 15 Oct. 15	3.50 3.50	32.50
WHITE				
September Cloud. White suffused with pink Medium White Gull Short Silver Moon. Cream white Medium Jean Cumming. Ivory white Medium Normandie. White suffused with pink Short Milky Way. Cream white Medium Təsivə. Cream white Medium White Spoon Medium Uvəlda. Cream white Medium White Jewell. White tinged with light lavender Medium Silver Ball Medium Irene Medium	Decorative Button Single Decorative Decorative Semi-dble. Decorative Spoon Decorative Button Decorative Button	Sept. 15 Sept. 15 Sept. 20 Sept. 20 Sept. 25 Oct. 5 Oct. 10 Oct. 10 Oct. 15	\$15.00 3.50 15.00 3.50 3.50 3.50 3.50 3.50 3.50 3.50	\$125.00 32.50 125.00 32.50 32.50 75.00 32.50 32.50 32.50 32.50 32.50 32.50

HARDY EARLY FLOWERING MUMS—Continued BRONZE AND RED

BRONZE AND F	KED			
Name and Description Heigh	t Size & Type	Matures	100	1000
Aladdin. Deep apricot. Short Early Bronze. Orange bronze. Short September Bronze. Orange bronze. Medium Autumn Lights. Coppery bronze. Short Nancy Copeland. Spectrum red. Medium Frances Whittlesey. Deep bronze and garnet. Short Peachblow. Buff bronze. Medium Romany. Reddish bronze. Medium Santa Claus. Spectrum red. Medium Caliph. Deep red. Medium Ruth Cumming. Reddish bronze. Medium Mandarin. Coral salmon. Medium Jasper Spoon. Straw yellow tubes with Jasper red	Semt-dble. Single Decorative Decorative Semi-dble. Decorative Decorative Decorative	Sept. 15 Sept. 15 Sept. 20 Sept. 25 Sept. 30 Sept. 30 Oct. 5 Oct. 5 Oct. 8 Oct. 8	\$3.50 3.50 15.00 4.50 3.50 3.50 15.00 3.50 4.50 3.50 3.50 3.50	\$32.50 32.50 125.00 40.00 32.50 32.50 125.00 32.50 40.00 32.50 32.50 32.50
spoons. Medium Apollo. Bronze red. Medium Natoma. Flame scarlet. Short Ember. Orange bronze. Medium Clara Jameson. Dark reddish bronze. Medium Bonnibell. Light buff bronze. Short Indian Summer. Orange bronze. Medium	n Single Decorative n Decorative n Button Button	Oct. 15 Oct. 15 Oct. 15 Oct. 15	3.50 3.50 3.50 3.50 3.50 3.50 3.50	32.50 32.50 32.50 32.50 32.50 32.50 32.50
PINK				
Dean Kay. Rose pink	Semi-dble. Decorative Decorative	Sept. 15 Sept. 15 Oct. 1 Oct. 5 Oct. 5	\$4.50 4.50 4.50 3.50 12.00 4.50 3.50	\$40.00 40.00 40.00 32.50 100.00 40.00 32.50
Rose Glow. Raspberry, changing to opalescent rose	m Spoon m Decorative m Decorative	Oct. 8 Oct. 10 Oct. 12	4.50 7.00 3.50 3.50 3.50 3.50	40.00 65.00 32.50 32.50 32.50 32.50
Jewell	m Button	Oct. 15	3.50	32.50

Mums for Pot Culture

These varieties are adapted for pot culture. To keep plants dwarf, it is essential that they be pinched many times during the growing season until a few weeks before bud formation. It is not possible to give the exact date for pinching, but the flowering period should be the guide.

The varieties listed below include those of all types which have been found most suitable for pot culture. Types are indicated by Sing.—Single, Anem.—Anemone, Dec.—Decorative, Pom.—Pompon and Inc.—Incurved. Size of flower is indicated by S—Small, Int.—Intermediate, L—Large, and L. F.—Large Flowering Commercial.

Y	ELLOW				
Name and Description	Size and Type	Spray or Disbud	Blooming Date	100	1000
Early Yellow. Light golden yellow	S. Pom.	Spray	Sept. 15	\$3.50	\$32.50
Pomponette. Light buff yellow	Int. Pom.	Spray	Sept. 20	4.50	40.00
Gold Lode. Light golden yellow		Disbud	Oct. 1	3.50	32.50
Judith Anderson. Golden yellow	S. Pom.	Spray	Oct. 15	3.50	32.50
Cincinnati. Golden yellow	L. Pom.	Disbud	Oct. 20	3.50	32.50
Rodell Improved. Light lemon yellow	Int. Pom.	Spray	Oct. 20	3.50	32.50
Golden Spray. Deep lemon yellow	Int. Pom.	Spray	Oct. 23	3.50	32.50
Blazing Gold. Deep golden yellow	L. F. Inc.	Disbud	Oct. 25	3.50	32.50
Smith's Superlative. Deep golden yellow		Disbud	Oct. 25	3.50	32.50
Jane Harte. Light lemon yellow	S. Sing.	Cascade	Oct. 30	6.00	50.00
Ohio State Light lemon yellow	Int. Anem.	Disbud	Nov. 1	3.50	32.50
Golden Glory. Golden yellow	L. F. Inc.	Disbud	Nov. 1	3.50	32.50
Nuggets. Light lemon yellow		Spray	Nov. 5	3.50	32.50

MUMS FOR POT CULTURE—Continued YELLOW—Continued

YELLOW—Continued					
Name and Description Size and Type	Spray or Disbud	Blooming Date	100	1000	
Lila Lilly. Lemon yellowInt. Anem.	Disbud	Nov. 10	\$3.50	\$32.50	
Yellow Beauty. Golden yellowL. Pom.	Disbud	Nov. 10	3.50	32.50	
Golden Baby. Clear yellowS. Pom.	Spray	Nov. 10	4.50	40.00	
Sunray. Light lemon yellow	Spray	Nov. 15	3.50	32.50	
Yellow Fellow. Deep lemon yellow Int. Dec.	Disbud or	1.0	0.00		
Tonow I on the Deep tenion yenow	Spray	Nov. 15	3.50	32.50	
Lois. Deep golden yellowS. Pom.	Spray	Nov. 18	3.50	32.50	
Bonnaffon DeLuxe. Golden yellowL. F. Inc.	Disbud	Nov. 20	3.50	32.50	
Bright Light. Light lemon yellowL. Dec.	Disbud	Nov. 20		32.50	
		Nov. 20	3.50	34 30	
Yellow Rolinda. Buff yellow	Disbud or Spray	Nov. 23	3.50	32.50	
Sun Gold. Lemon yellow					
v	Disbud	Nov. 25	3.50	32.50	
Sunshine. Deep golden yellowInt. Anem.	Disbud	Nov. 25	3.50	32.50	
BRONZE AND RED					
Early Bronze. Orange bronzeS. Pom.	Spray	Sept. 15	\$3.50	\$32.50	
Bronze Lode. Pale buff bronzeL. F. Dec.	Disbud	Oct. 1	3.50	32.50	
Bonnibell. Light buff bronzeS. Pom.	Spray	Oct. 15	3.50	32.50	
Thorina. Reddish bronze	Spray	Oct. 20	3.50	32.50	
Carlina Lee. Reddish bronzeInt. Dec.	Disbud	Oct. 20	3.50	32.50	
		Oct. 23		40.00	
Bronze Persian Rose. Bronze sportInt. Pom.	Spray		4.50		
Kathleen Thompson. Bronze	Disbud	Oct. 25	3.50	32.50	
Ethel. Reddish bronzeS. Pom.	Spray	Oct. 25	3.50	32.50	
Alameda. Reddish bronze with buff reverseL. F. Inc.	Disbud	Oct. 25	4.50	40.00	
Glitters. Deep reddish orangeL. F. Dec.	Disbud	Oct 28	3.50	32.50	
Bronze Buckingham. Light orange bronzeInt Sing.	Disbud or	NT 0	0.50	00.50	
	Spray	Nov. 3	3.50	32.50	
Melba. Light reddish bronzeL. Sing.	Disbud	Nov. 10	3.50	32.50	
Red Melba. Light redL. Sing.	Disbud	Nov. 10	3.50	32.50	
Gypsy. Pale reddish bronzeS. Anem.	Spray	Nov. 15	3.50	32.50	
Enton Beauty. Dark velvety crimsonL. F.	Disbud	Nov. 15	4.50	40.00	
Rolinda. Reddish bronze	Disbud or				
	Spray	Nov. 23	3.50	32.50	
Red Rolinda. Deep reddish bronzeInt. Anem.	Disbud or				
	Spray	Nov. 23	3.50	32 50	
Mrs Beu. Orange bronzeInt. Dec.	Disbud or		0.50	00.70	
	Spray	Nov. 25	3.50	32.50	
Red Beu. Reddish bronze	Disbud or	NT 0*	0.50	00.50	
	Spray	Nov. 25	3.50	32.50	
Harvard. Deep redL. F. Dec.	Disbud	Nov. 30	3.50	32.50	
PINK					
Jewell. LavenderS. Pom.	Spray	Oct. 15	\$3.50	\$32.50	
Justrite. Light rose pinkL. F. Inc.	Disbud	Oct. 15	3.50	32.50	
Benoit. Deep layender	Disbud	Oct. 15	3.50	32.50	
Bonnie Maid. Pink, following JewellS. Pom.	Spray	Oct. 18	3.50	32.50	
Rose Chochard. Light lavenderL. F. Inc.	Disbud Disbud	Oct. 20 Oct. 20	3.50	32.50	
Rose Mandel. Light lavender. L. F. Inc. Persian Rose. Deep rose pink. Int. Pom.	Spray	Oct. 23	3.50	32.50	
Butler's Caprice. Rose pink	Disbud or				
	Spray	Oct. 25	3.50	32.50	
W. H. Buckingham. Rose pink	Disbud or Spray	Nov. 3	3.50	32.50	
Thyra. Deep lavenderL. Pom.	Disbud	Nov. 10	3.50	32.50	
Queen of Pinks. Lavender L. Pom.	Disbud	Nov. 10	3.50	32.50	
Ethrelda. Light lavender			0.70	00 =	
X	Spray	Nov. 12	3.50	32.50 32.50	
Amaranthea. Amaranth	Spray	Dec. 10	3.50	34.30	

MUMS FOR POT CULTURE—Continued

	WHITE				
Name and Description	Size and Type	Spray or Disbud	Blooming Date	100	1000
White Jewell. White tinged with light lave	nder .S. Pom.	Spray	Oct. 15	\$3.50	\$32.50
Irene	S. Pom.	Spray	Oct. 18	3.50	32.50
Christina		Disbud	Oct. 20	3.50	32.50
Graceland. White with yellow center	Int. Anem.	Disbud or			
Oraceland. White with yellow center		Spray	Oct. 28	3.50	32.50
Anna. White	S. Sing	Cascade	Oct. 30	6.00	50.00
White Izola. Sport from Izola		Disbud	Nov. 1	3.50	32.50
Mary Pickford. White		Spray	Nov. 1	3.50	32.50
Richard Mandel		Disbud	Nov. 10	3.50	32.50
Marketeer		Disbud	Nov. 18	3.50	32.50

New Spoon Chrysanthemums

New race of Hardy Mums. Long, tubular petals, flatten at the tips, resembling a miniature spoon. They bloom about October 10.

Pink Spoon Red Spoon White Spoon Yellow Spoon Orchid Spoon Rose Spoon

2 in. pots, available in Spring: \$3.00 per 10, \$15.00 per 100

R. C. of White Spoon, Orchid Spoon, Red Spoon only—\$4.00 per 100

Mountain or Cascade Varieties

Small, single varieties of fairly dwarf growth. These are free flowering with soft or pliable stems, which may be bent or shaped into various forms to be used for trellises or on table by training. They may be tied in all shapes. Excellent for display in flower shops, decorations and exhibitions. They mature about October 30.

Anna. White.

Jane Harte. Light Iemon yellow.

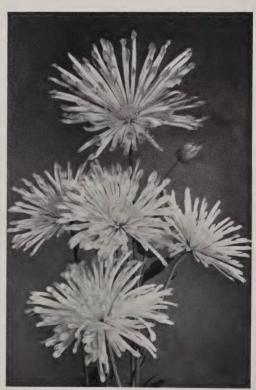
Both above: \$6.00 per 100; less than 100, \$2.00 per 10

To Lengthen Mum Season

The use of additional light by means of 40-watt electric lamps will bring your crop later than normally. These lamps should be strung about 5 feet apart and about 2 feet above the plants, raising them as the plants grow. The time to start is before August 15 or before any buds have developed. Two to three hours of lighting each day after dark for a period of 6 or 8 weeks will cause a decided later flowering. Late varieties are best used for this purpose.

Gladiolus Bulbs

Nice, well-graded, first-size Bulbs for planting indoors under glass where you may have missed out on some poor Carnation Plants or other space that you may have available during the Winter. Prices are reasonable. Ask for complete price list.



SPOON CHRYSANTHEMUM



Black cloth for shading as well as Aster cloth houses furnished by the American Associated Companies.

Shading Mums for Early Flowering

LARGE FLOWERING, POMPONS, ANEMONES AND SINGLES

Shading of Mums for early flowering is done simply by placing a light-impervious black cloth over the plants daily from 5 p.m. to 7 a.m. Since it takes from eight to nine weeks for the plants to bloom after the process is started, the beginning time is readily determined. Thus, July 1 shading will bring the crop in from August 25–September 1. Successive shadings at weekly intervals will give you the same variety in bloom for a long period of time. July 15 shading should hit the market perfectly, when some scarcity usually

exists. An occasional skip of a day during this period will do no harm.

To start shading after August 15 is practically useless since the days begin to shorten considerably. In case of Pompons, retain the shade until buds show color, while with standards, shading may stop when buds reach the size of a dime.

The use of cloth with pinholes or one through which more than 2 foot candles of light will penetrate, will not give satisfaction. The timing will be off and imperfect flowers may results.

LARGE FLOWERING M	NUMS
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YELI	MO		WHI	TE	
Name	Date of Shading	Flowering Date	Name	Date of Shading	Flowering Date
Blazing Gold	July 13	Sept. 5 Sept. 12 Sept. 19 Oct. 3	Silver Sheen Albatross Indianapolis White Mefo	July 13	Sept. 5 Sept. 12 Sept. 19 Oct. 3
			BRONZE A	ND RED	
PIN Pink Chief Rosabella J. W. Prince Indianapolis Pink Orchid Queen	July 20 July 13 July 20 July 20	Sept. 5 Sept. 5 Sept. 19 Sept. 26 Oct. 3	Hilda Bergen Cambria Detroit News Indianapolis Bronze Mrs. Roy Anaconda	July 13July 13July 13July 27	Sept. 5 Sept. 5 Sept. 12 Sept. 19 Oct. 10 Oct. 10
3777	TOWN DOWN	ADONG CI	NOTES AND ANEMONE	70	

YELLOW POMPONS, SINGLES AND ANEMONES

Name	Date of Shading	Flowering Date	Name	Date of Shading	Flowering Date
Yellow Irene	July 20 9	Sept. 5	Yellow Bushnell	July 13	Sept. 19
Yellow Hammer		Sept. 5	Helios	July 13	Sept. 19
Yellow Arcadia		Sept. 5	Sunray	July 13	Sept. 26
Yellow Dot		Sept. 5	Yellow New York	July 13	Sept. 26
Yellow Daisy		Sept. 12	Gold Imperial		Sept. 26
Mary L. Hall		Sept. 12 Sept. 12	Yellow Fellow		Sept. 26
Golden Herald Nuggets		Sept. 12 Sept. 19	Susanne Miller	V	Sept. 26
Pixie		Sept. 19	Golden Jane		Oct. 10

POMPONS, SINGLES and ANEMONES

—Continued					
Continued WHITE					
AAIIII	Date of	Flowering			
Name	Shading	Date			
Irene	.July 20	Sept. 5			
Minong	July 13	Sept. 5			
White Jewell	July 13	Sept. 5			
Blanche	July 13 🖇	Sept. 12			
Sea Gull	July 13	Sept. 12			
Rev. Bushnell	July 13	Sept. 19			
Shasta	July 13	Sept. 19			
Crystal Jewell		Sept. 19			
White Mensa	July 13	Sept. 19			
Nagona		Sept. 19			
Little America	July 13	Sept. 19			
Sea Foam	.July 13	Sept. 26			
White Freida		Sept. 26			
White Norma		Sept. 26			
Long Island Beauty	July 13	Oct. 3			
BRONZE A	ND RED				
		Sept. 5			
Adelaide	July 13	Sept. 5 Sept. 12			
Adelaide Fire Bird	July 13 July 20	Sept. 12			
Adelaide Fire Bird Roman Bronze	July 13July 20July 20	Sept. 12 Sept. 12			
Adelaide Fire Bird Roman Bronze October Bronze	July 13 July 20 July 20 July 13	Sept. 12 Sept. 12 Sept. 12			
Adelaide Fire Bird Roman Bronze October Bronze Red Daisy	July 13 July 20 July 20 July 13 July 13	Sept. 12 Sept. 12 Sept. 12 Sept. 12			
Adelaide Fire Bird Roman Bronze October Bronze Red Daisy Robin Hood	July 13 July 20 July 20 July 13 July 13	Sept. 12 Sept. 12 Sept. 12 Sept. 12 Sept. 19			
Adelaide Fire Bird Roman Bronze October Bronze Red Daisy Robin Hood Navaho	July 13 July 20 July 20 July 13 July 13 July 13 July 13	Sept. 12 Sept. 12 Sept. 12 Sept. 12 Sept. 19 Sept. 19			
Adelaide Fire Bird Roman Bronze October Bronze Red Daisy Robin Hood Navaho Europa	July 13July 20July 20July 13July 13July 13July 13July 13July 13July 13	Sept. 12 Sept. 12 Sept. 12 Sept. 12 Sept. 19 Sept. 19 Sept. 19			
Adelaide Fire Bird Roman Bronze October Bronze Red Daisy Robin Hood Navaho Europa Cassandra	July 13July 20July 20July 13July 13July 13July 13July 13July 13July 13July 13	Sept. 12 Sept. 12 Sept. 12 Sept. 12 Sept. 19 Sept. 19 Sept. 19			
Adelaide Fire Bird Roman Bronze October Bronze Red Daisy Robin Hood Navaho Europa Cassandra Clara Holford	July 13July 20July 20July 13July 13July 13July 13July 13July 13July 13July 13July 13	Sept. 12 Sept. 12 Sept. 12 Sept. 12 Sept. 19 Sept. 19 Sept. 19 Sept. 19			
Adelaide Fire Bird Roman Bronze October Bronze Red Daisy Robin Hood Navaho Europa Cassandra Clara Holford New York	July 13July 20July 20July 13July 13	Sept. 12 Sept. 12 Sept. 12 Sept. 19 Sept. 19 Sept. 19 Sept. 19 Sept. 19 Sept. 19 Sept. 26			
Adelaide Fire Bird Roman Bronze October Bronze Red Daisy Robin Hood Navaho Curopa Cassandra Clara Holford New York Bronze Masterpiece	July 13July 20July 20July 13July 13	Sept. 12 Sept. 12 Sept. 12 Sept. 19 Sept. 19 Sept. 19 Sept. 19 Sept. 19 Sept. 19 Sept. 26 Sept. 26			
Adelaide Fire Bird Roman Bronze October Bronze Red Daisy Robin Hood Navaho Europa Cassandra Clara Holford New York Bronze Masterpiece Fez	July 13July 20July 20July 13July 13	Sept. 12 Sept. 12 Sept. 12 Sept. 19 Sept. 19 Sept. 19 Sept. 19 Sept. 19 Sept. 19 Sept. 26 Sept. 26			
Adelaide Fire Bird Roman Bronze October Bronze Red Daisy Robin Hood Navaho Curopa Cassandra Clara Holford New York Bronze Masterpiece	July 13July 20July 20July 13July 13	Sept. 12 Sept. 12 Sept. 12 Sept. 19 Sept. 19 Sept. 19 Sept. 19 Sept. 19 Sept. 26 Sept. 26 Sept. 26			

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Yolanda.....July 13

Jane.....July 13

Apricot Valencia.....July 13

Red Valencia.....July 13

JewellJuly	13	Sept.	5
Pink PearlJuly	13	Sept.	- 5
Capt. CookJuly	13	Sept.	5
JessieJuly	13	Sept.	5
Pink DotJuly	13	Sept.	5
October PinkJuly	13	Sept.	12
IsobelJuly	13	Sept.	12
Lillian DotyJuly	13	Sept.	12
Mrs. BulkeleyJuly	13	Sept.	19
ThyraJuly	13	Sept.	19
Silver TipsJuly	13	Sept.	19
MasterpieceJuly	13	Sept.	26
FreidaJuly	13	Sept.	26
Dark Pink NormaJuly	13	Sept.	26
Hasegawa PinkJuly	13	Oct.	3
ValenciaJuly	13	Oct.	10
Dark Pink ValenciaJuly	13	Oct.	10

All varieties can be bloomed approximately one week later if shading is done one week later than dates shown above.



BARNEY BONEMEAL Sez:

"Will it pay me to grow MUMS?"
"Yes, if I grow them well."

Mums Paid Well This Season

Good prices carried on right into late January. It pays to grow good MUMS. Do you get our monthly issue of "GREENHOUSE GOSSIP"? It contains helpful hints with regard to the culture of Chrysanthemums as well as other Flowers and Plants.

Novelties

We usually review in our monthly "Gossip" new introductions of various Flowers and Plants and it is of importance to the commercial grower to keep informed on such matters. This is a good medium through which you may keep up with the "new ones" and cash in ahead of the other fellow who is not alert. This is good business and also serves your customer well. People always are looking for something new, particularly your regular flower buyers. It is "American" to want something new and better.

Pot Plant Mums for Shading

The varieties in the following list have been found to lend themselves satisfactorily to pot plant culture. These varieties have been chosen because they are adaptable to black cloth shading as well as for normal flowering, thus giving a flowering range from August 1 to November 20 with relatively few varieties.

There are other varieties that may be used for pot plant culture, however varieties that flower after November 20 are not recommended for the very early shadings.

CULTURE

- A. Soil—Sterilized. Field soil with small addition of manure.
- B. Planting—Three cuttings into 5½-inch pot directly from propagating bench on dates given. One additional cutting for each ½-inch increase in pot size. If these are spaced well, a better balanced plant will result than if planted together in center of pot.
- C. **Pinching**—Three pinches. First pinch approximately 15 days after planting. Second pinch approximately 30 days after planting. The third and last pinch controls height of plant. Soft pinching is satisfactory. Hard pinch when the last pinch is delayed until after shading. *Example*: Yellow Beauty when shaded June 1st and pinched June 11th.
- D. Shading—Same procedure as for cut flowers. Black cloth should be new or in best of condition for very early shadings to avoid delayed and uneven blooming. When possible take cloth off at night, replacing before daylight.

White Frick.....July 13

E. Disbudding

Pompons—Remove center bud except on the Button types. This gives better spacing to the remaining flowers. Also the center bud generally matures earlier than the surrounding buds, giving the appearance of irregular blooming and premature aging. Remove this bud as early as is convenient.

Disbuds—Disbudding must be done early, late disbudding results in small flowers and weak and elongated stems directly below the flowers.

F. Height of Plants

Pompons in 5½-in. or 6-in. pots—11 in.—13 in. from top of pot. Disbuds in 5½-in. or 6-in. pots—14 in.—17 in. from top of pot

G. Color Distribution

Helen Frick.....July 13

40% Yellow 25% Pink 20% Bronze 15% White

YELLOW		BRONZE AND RED	
Name Date of Shading	Flowering Date	Date of Name Shading	Flowering Date
CincinnatiJuly 13	Sept. 5	ThorinaJuly 13	Sept. 5
Blazing Gold July 13	Sept. 5	AlamedaJuly 13	Sept. 12
Golden GloryJuly 13	Sept. 12	GlittersJuly 13	Sept. 12
Lila LillyJuly 13	Sept. 19	Apricot QueenJuly 13	Sept. 12
Yellow BeautyJuly 20	Oct. 3	Red MelbaJuly 13	Sept. 19
SunrayJuly 20	Oct. 3	GypsyJuly 13	Sept. 26
Bonnaffon de LuxeJuly 20	Oct. 3	RolindaJuly 13	Oct. 3
Sun GoldJuly 13	Oct. 3	Red RolindaJuly 13	Oct. 3
WHITE			
MinongJuly 13	Sept. 5	PINK	
ChristinaJuly 13	Sept. 5	Rose ChochardJuly 13	Sept. 5
GracelandJuly 13	Sept. 12	J. W. Prince July 13	Sept. 12
White IzolaJuly 13	Sept. 12	ThyraJuly 13	Sept. 19
Little AmericaJuly 13	Sept. 19	Queen of PinksJuly 13	Sept. 19
Richard MandelJuly 13	Sept. 19	EthreldaJuly 13	Sept. 19
MarketeerJuly 13	Sept. 26	Beautiful Lady July 13	Oct. 3
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